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DAHLIAS

OF
QUALITY AND DISTINCTION

DAHLIADEL
NURSERIES

WARREN W. MAYTROT

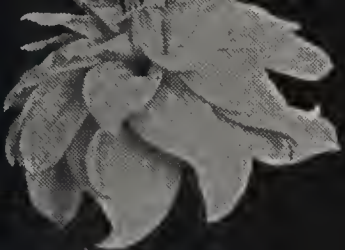
VINELAND.
N.J.

1937

POTASH-FED
DAHLIAS



MOTHER MAYTROT (Berwick-Dahliadel 87E, 85C), ID, 1937, Bloom 11 x 7, Bush 5½ ft. This is a fitting name for such an outstanding artistic white Informal Decorative. It is the white the dahlia world has long been waiting for, as it is not temperamental but a good grower with healthy dark foliage, strong erect stems, and has remarkable keeping qualities. Holds a perfect center throughout the season, besides being a consistently profuse bloomer. The blooms are uniformly large and of great depth, usually 6 to 7 inches. It is one of the first to bloom and will be a winner on the exhibition table in its class. Won the American Home Achievement Medal and the Best Bloom in the show at Washington, D. C., this season amid keen competition. A dahlia we are proud to introduce with our family name. Scored 85 Exhibition and 85 Commercial at Storrs, 1936. **Roots, \$15.00; Plants, \$7.50**



TANGERINE



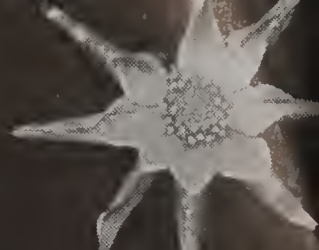
TRIBUNE



FOREST FIRE Jr.



TIP TOP



WHISPER

POTASH-FED DAHLIAS

The Dahlia marches on and in its progress we find more useful and interesting varieties, those that are more easily grown and adapt themselves to varying climatic and local conditions. New seedlings should be carefully watched the first few years of their existence for any weakness such as being readily susceptible to insect injury and other causes of stunt as well as not standing prolonged hot sun. Seedlings that are not better or sufficiently different than existing named varieties should never come on the market.

One of the most difficult phases in the progress of the dahlia is to sort the wheat from the chaff and this is no less an arduous task for the amateur, to select the right varieties for his 1937 garden as he may not have the chance to see the new varieties in the various Trial Grounds or originators gardens or see how specimens behave on the show table, or further see how the smaller and more useful varieties actually look and stand up when in arrangements. The established Trial Grounds are an important factor and dahlia articles published in various periodicals all help to standardize and disseminate dahlia knowledge, but all of these should be considered in regard to where and how the dahlias in question were grown.

Varieties we catalog have been grown and tested at Dahliadel, except some of the 1937 Introductions of other growers, in which case we mention (Introducer's Stock) and on these varieties we have checked up in every way possible.

To simplify classification to size and use of the dahlia, we are scoring all varieties grown at Dahliadel Nurseries according to our new score card and using the letter S for small dahlias normally growing 3½" to 4" or less, classified as miniatures; C for commercial or medium size blooms growing normally from 4" to 7" or 8", and E for exhibition blooms of over 7". Therefore if a variety is useful as a commercial cut flower and also can be grown to large size for exhibition it will be scored twice for example, 84C, 86E, meaning that it is a very good cut flower but is still better for exhibition.

Commercial varieties growing under 7" or 8" in most cases are very desirable for basket work in dahlia shows and are suitable for exhibition in the medium or commercial class designated as Class B, in dahlia shows using the new A. D. S. Classification. E (exhibition varieties) designated as Class A, are winners on the exhibition table, having qualities that score high in competitive judging, with size, form, stem and color predominating. Practically all varieties listed are garden varieties, suitable for landscape work, either in borders, beds or mass planting. The size of bloom is indicated in inches and height of bush in feet.

QUANTITY DISCOUNTS ON ROOTS AND PLANTS

- Three of any one variety—less 10%
- Six of any one variety—less 20%
- Ten of any one variety—less 25%

The above quantity discounts do not apply to Odd Lots, Special Offers, or Collections.

Varieties in Color on Front Cover

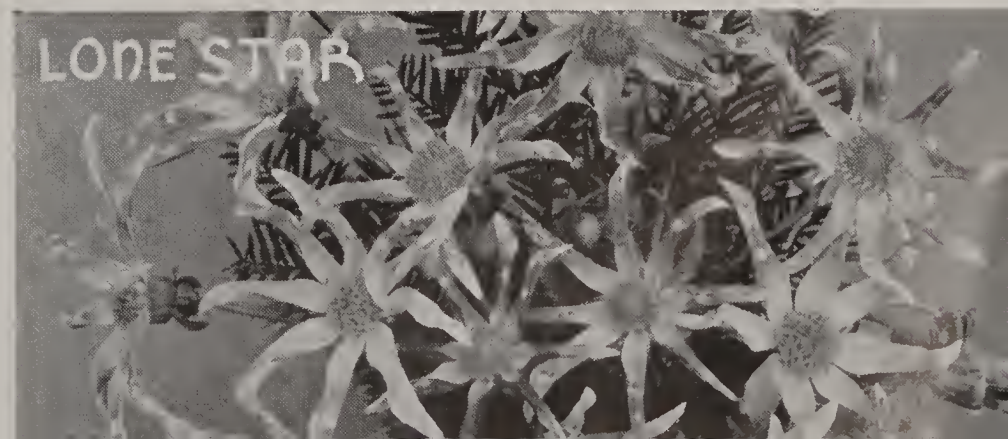
DAHLIADEL WHISPER (Dahliadel 85), 1937, Bloom 4½ in. Bush 2½ ft. Orchid flowering dahlias are becoming more popular each year, not only for cutting and in the garden, but for arrangements with other flowers. This variety is pictured above and shown in color on the front cover of this catalog and you will note its color is maize yellow on the face of petal with a scarlet reverse. Long erect stems that hold well after being cut. Bushes are healthy, insect-repellent and desirable in borders or for mass planting. **Roots, \$2.00; Plants, \$1.00**

FOREST FIRE, JR. (Dahliadel 86S), M ID, 1937, Bloom 3½ x 1½, Bush 4 ft. In color it is indeed a miniature Forest Fire of very artistic form. It is amber yellow suffused and veined soft cardinal. This variety grew well the past season regardless of insects or dry weather and bloomed from the middle of August until frost. Blooms always uniform and plenty of flowers. The picture for front cover color reproduction was taken October 23 showing full centers after 3 months' blooming. Bushes are strong and symmetrical with stems long and erect suitable for cutting the entire season. **Plants, \$1.50**

TIP TOP (Dahliadel 85S), M FD, 1937, Bloom 2¼ x 1½, Bush 2½ ft. A color reproduction of this variety is on the front cover. This ball shaped Formal Decorative is a real miniature and fits well in small arrangements. It is uniform and striking. Color deep lemon yellow, distinctly tipped scarlet, making it outstanding. Bright green healthy foliage. **Plants, \$1.50**

LONE STAR (Dahliadel 85), 1937, Bloom 4 to 6 in. Bush 3 ft. This orchid flowering dahlia is worthy of a place in the Dahlia World by its unique coloring, which is a light lemon or sulphur yellow on the face of the petals with a soft French Purple on the reverse with the petals tightly rolled forward. It makes a very striking color combination. Stems are long and erect, fine for cutting. An early and continuous bloomer, effective in landscape or border planting. **Roots, \$2.00; Plants, \$1.00**

TANGERINE (Dahliadel 86S), M FD, 1937, Bloom 3 x 2, Bush 2 to 3 ft. The shade of red the ladies like, a bright russet orange inclined to scarlet. Stems erect and plenty long for cutting, still a compact bush with dark glossy foliage, very desirable for border planting or bedding as it grows naturally into a well-formed bush without any support. Flowers face as shown in illustration and arrange very easily and keep well when cut giving wonderful cut flower qualities. **Plants, \$1.00**





DUBONNET

DUBONNET (Shipley-Dahliadel 86S), M S-C, 1937, Bloom 4 x 2, Bush 3 ft. One of the prettiest Miniature Cactus dahlias you can grow. Color a rich deep Ox Blood red that does not fade or burn. Beautiful, compact bushes with dense, dark green, healthy foliage covered with dark red blooms. A picture in itself. This variety grows with natural stems for cutting and the more flowers you cut the more it produces. To those who knew dahlias 25 or 30 years ago, Dubonnet is a miniature Floradora. Plants, \$1.50

DAHLIADEL 1937 INTRODUCTIONS (on back cover)

CHEROKEE ROSE (Ricks-Dahliadel 86C), ID, 1937, Bloom 9 x 5, Bush 6 ft. An origination from Atlanta, Ga., which does very well in the South and proved its worth as a cut flower and a favorite in our trials. A seedling of Jersey's Beauty but a decided change in color which is a beautiful shade of lilac pink shaded deep rose pink, very acceptable in the cut flower market. The much reduced color reproduction on the back cover gives you the general tone but the flower is usually brighter, more lively and at times a little lighter. It has all its parent's good qualities, including long, erect stems, branches better, and is a more profuse bloomer producing quantities of full-centered flowers from the beginning of the season until frost. It is one of those dependable varieties that is always good, keeps exceptionally well in water or on the bush, is a quick easy grower and in no way temperamental. Scored 86E at the Ohio Valley Dahlia Society Trial Grounds this season. It is one of the quickest to root when growing plants and is also a good root maker.

Roots, \$10.00; Plants, \$5.00

DIANA JEAN (Dahliadel 85S), M FD, 1937, Bloom 2½ x 2, Bush 3 ft. With all the miniature dahlias now being grown this is the best true formal yellow we have had the pleasure of growing. It is a deep sulphur yellow with very faint rose suffusion on back of petals. We had a number of good yellow seedlings grown a second year and this one bloomed earlier and more profuse, grew better and held good centers up to frost. Stems are ideal and blooms keep well when cut, so all in all, we feel we have a real yellow for cutting or exhibiting, and also very showy in the garden. Plants, \$1.50

TRIBUNE (Dahliadel 86), Coll., 1937, Bloom 5 in., Bush 4 ft. Shown in color on the back cover. According to color chart a deep rich crimson carmine with white collar petals that are edged carmine. The most outstanding Collarette we have ever seen or grown. An early and continuous bloomer on stems that hold erect after cutting. A real cut flower and showy in the garden.

Roots, \$2.00; Plants, \$1.00

LITTLE AMERICA

LITTLE AMERICA (Dahliadel 85), 1937, Bloom 5 in., Bush 5 ft. As the picture shows this white Single is unusually outstanding and artistic. The arrangement pictured kept perfectly for 4 days with stems in shallow water which is unusual for a single dahlia, especially a white one. The petals are inclined to roll forward, which makes the bloom even more artistic. Our customers who saw it in bloom are writing and asking for the single which resembles a giant Poet's Narcissus. Stems are naturally long and erect for cutting as shown and the keeping qualities are remarkable. Very showy in the garden.

Roots, \$2.00; Plants, \$1.00





Television

TELEVISION (Straight-Dahliadel 87E), ID, 1937, Bloom 12 x 5, Bush 5 ft. This Informal Decorative won an American Home Achievement Medal in both Cleveland and West Va., besides scoring 85 at Storrs and 86.5 at the West Va. Trial Grounds in 1935. This season it has won another Achievement Medal in West Va. and scored 85E at the Mid West Trial Grounds. Blooms are apricot suffused and shaded cardinal, giving a general tone of reddish apricot, very pleasing and uniform in color and form. Growing habits are all that could be desired. One of the first to bloom with strong stems that hold flowers well out of the dark, leathery foliage. This variety has been on trial and exhibited before any amount of stock has been built up. Owing to this shortage it has been necessary to withdraw the sale of roots offered in advance list and early advertising. We are sorry but it will be green plants only for 1937. **Plants, \$5.00**



Opal

OPAL (Berwick-Dahliadel 86 E), ID, 1937, Bloom 11 x 6, Bush 4½ ft. Size is a virtue when combined with artistic form and dainty coloring. There are few, if any pastels that are as clear and beautiful a combination of soft salmon rose with lighter shadings and centers of light lemon yellow. The long broad wavy petals twist and curl in a very pleasing and unique manner. The stems are strong and erect and hold the flowers well out of the foliage which is dark and glossy adding to the delicate coloring of the blooms. This variety should appeal to the lover of real beauty and make many friends. A good keeper when cut and should meet competition successfully on the show table. Scored 85E at the Mid West Trial Grounds this season.

Roots, \$10.00; Plants, \$5.00



1937 INTRODUCTIONS of Other Growers

Plants Grown from Originator's or Introducer's Stock

AMERICAN PURITY (American D. F. 85E), **S-C**, 1937, Bloom $10\frac{1}{2} \times 8$, Bush $4\frac{1}{2}$ ft. This variety won in the Undisseminated Semi-Cactus Classes in Philadelphia, Baltimore and Chicago, also an American Home Achievement Medal at Chicago. It is a fine, large, deep white on strong, erect stems. Its substance and keeping qualities make it an ideal exhibition dahlia. Foliage clean, and a good root maker. **Roots, \$15.00; Plants, \$7.50**

BETTY LINDGREN (Preas-Ruschmohr), **S-C**, 1937, Bloom $8\frac{1}{2} \times 5$, Bush $3\frac{1}{2}$ ft. Described as a sport of Edna Ferber. Pale lemon yellow tinted salmon orange. Certified at both Storrs and East Lansing and won the Chas. Ruscher Memorial Cup in the A. D. S. Show at New York. Very prolific on strong, erect stems. Will be popular on the exhibition table. **Plants, \$2.50**

BUCKEYE STAR (Peck 85C), **S-C**, 1937, Bloom 6×4 , Bush 4 ft. This colorful flower attracted our attention in 1935 in Cleveland with its good keeping qualities and cut flower possibilities. Salmon pink with a golden yellow center. A welcome color in the Commercial size. Certified at East Lansing and Award of Honor at Atlanta, Ga. **Plants, \$5.00**

CATHERINE CROOKS (Crooks-Veile), **ID**, 1937, Bloom 9×5 , Bush 5 ft. We scored this variety 85 at the New York show where it was outstanding. It also won first in the Informal Decorative Class at Camden and at Pennsylvania Horticultural Society. Color a clear lilac suffused violet rose shading lighter at center. Plants are rugged, stems strong and erect. A real prize winner. **Plants, \$5.00**

DREAM GIRL (Lee), **ID**, 1937, Bloom 11×6 , Bush 5 ft. Winner of Achievement Medals at Tacoma, Wash., and Portland, Oregon where it also won as best undisseminated dahlia. Color, salmon rose tipped lightly with gold. This variety made a good showing in the Mid West at the Cleveland Show and we have had reports of its very good behavior in Georgia. **Plants, \$5.00**

FIRE BALL (Bissel 85E), **FD**, 1937, Bloom $7 \times 4\frac{1}{2}$, Bush $4\frac{1}{2}$ ft. Won as the best Formal Decorative in the Seedling Class at Detroit and certified at East Lansing 85E. This dahlia will probably compete with Oakleigh Monarch for best red Formal Decorative in a number of shows. Color, cardinal red of good form on erect stems. Foliage large, bright green and healthy. **Plants, \$5.00**

GREATER GLORY (Salem D. G.), **S-C**, 1937, Bloom 11×5 , Bush $6\frac{1}{2}$ ft. A tall, vigorous bush with healthy, leathery foliage and very artistic blooms. Classified as a Semi-Cactus but petals roll at the end of the season coming close to a Cactus. Color a bright violet rose occasionally showing creamy white at the center. Winner of many prizes at the leading shows. **Plants, \$10.00**

HASLEROVA (Svajner), **FD**, Bloom 8×4 , Bush 5 ft. A glorified Le Grand Manitou only more refined, the ground color being a delicate lavender, almost white, flecked French purple. Truly a bi-color and should do plenty of winning in this class as there are few good ones. Stem, foliage and bush growth very satisfactory. **Plants, \$2.50**

JIMMIE FOXX (Johnson), **ID**, 1937, Bloom 11×7 , Bush 6 ft. We understand this dahlia can be grown

to 13 inches. It has a cane stiff stem and is a giant in bush and foliage as well. The color of coppery red suffused and tinged henna is unusual. Winner of the American Home Achievement Medal and Derrill W. Hart Memorial Medal at New York along with other winnings at Philadelphia and Burholme. **Plants, \$7.50**

MISS OAKLAND (Oakleigh-Lakeside 85E), **FD**, 1937, Bloom 9×5 , Bush $4\frac{1}{2}$ ft. There are several good whites being introduced this season and we believe this one is the best Formal white from what we saw of it at Storrs, and in the Bronx Botanical Gardens, New York. There are so few white Formals suitable for exhibition that this variety certainly should be appreciated. Long erect stems and leathery, insect-resistant foliage. Certified at East Lansing in 1935 and at Storrs in 1936. **Plants, \$5.00**

MISS OHIO (Frank's D. G. 85C), **IC**, 1937, Bloom $7 \times 5\frac{1}{2}$, Bush 5 ft. The winner of the Derrill W. Hart Memorial Medal, the American Home Achievement Medal and first in the Cactus Class at the A. D. S. National Show in Detroit. The blooms are very uniform, full and complete. Color, lilac suffused deep rose pink. Stems very long and erect. Fine for cutting especially when disbudded. When not disbudded bushes are a mass of blooms $5\frac{1}{2} \times 4$ ". Foliage dark and healthy. Certified at Storrs and recommended as easy to grow. **Plants, \$5.00**

PURPLE MIST (Emmons-Ruschmohr), **FD**, 1937, Bloom $10 \times 5\frac{1}{2}$, Bush 5 ft. Described as a violet carmine but really more of a purple garnet not far from Thos. A. Edison in color but a formal with rounded petals. Stems are thick, strong and straight. Foliage dark green. Well recommended especially for its keeping qualities. Winner of the American Home Achievement Medal at Cleveland Exposition 1936. Certified at East Lansing 1935. **Plants, \$5.00**

ROBERT L. RIPLEY (Salem D. G.), **ID**, 1937, Bloom 12×8 , Bush 6 ft. This variety is without question one of the big ones. Color, soft Rhodamine purple with deep rose pink suffusion throughout. Stems are straight and strong. Flowers have good substance and keep wonderfully well. An unusual quality of this dahlia is that buds may be cut and will develop into full open flowers. **Plants, \$10.00**

VOLCANO (Richardson), **ID**, 1937, Bloom 11×7 , Bush $4\frac{1}{2}$ ft. After being shipped 600 miles via baggage this dahlia won the Largest Bloom Class at the Woodbridge Show at Washington, D. C., and was a close competitor in the Seedling Class which was one of the best in the East next to New York. This variety is a real keeper on strong stems. Foliage dark green and rugged. In form it is a possible border line, inclined to the Formal. Color, orange flame red that does not fade or burn. **Plants, \$7.50**

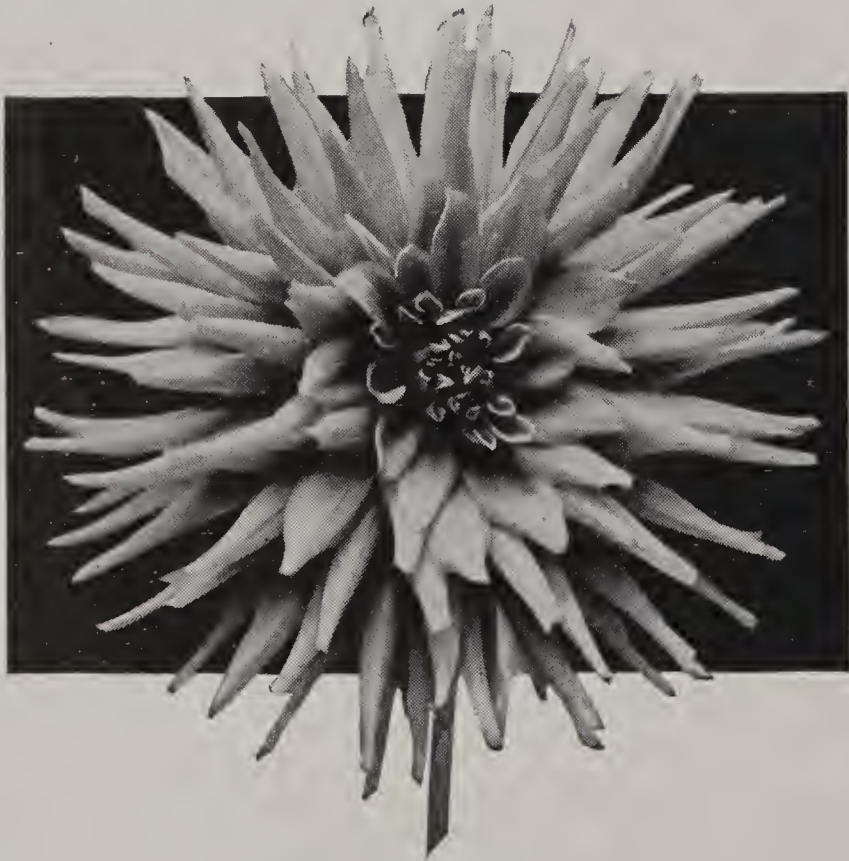
WILLIAM J. WYLLIE (Greenough-Ruschmohr), **FD**, 1937, Bloom 9×5 , Bush $4\frac{1}{2}$ ft. Winner of certificates at Storrs and East Lansing, also best undisseminated Formal Decorative in New York 1936. Color, sulphur yellow, shaded to buff with a pink suffusion on the outer petals. Very good flowering habits with long heavy to medium, stiff stems. **Plants, \$5.00**



STRAIGHT CACTUS DAHLIAS



Frau Ida Mansfield



Golden Sonne

GOLDEN SONNE (DeWilde 84C 85E), Bloom 7 x 4, Bush 3 ft. This variety is one of the best yellow commercial Cactus dahlias grown. It not only gives you a quantity of early blooms suitable for most any use, but continues throughout the season. Flowers are of medium size on excellent stems and keep wonderfully well. Color, clear golden yellow, shading to soft salmon rose on the outside petals.

Roots, .50; Plants, .50

AMBASSADOR (Broomall 85E), Bloom 8 x 4, Bush 5 ft. This fine flower is still very popular in the Straight Cactus Class at the dahlia shows. Color, soft yellow buff, shaded salmon pink. Well-formed flowers, held erect above the foliage. Bushes branch readily and produce fine exhibition blooms.

Roots, .50; Plants, .50

BERGER'S JEWEL (Berger 84C), Bloom 7 x 3, Bush 3½ ft. A very dainty and useful flower for arrangements and baskets. Soft lilac rose shading to white at center. Good stems for cutting. Blooms early.

Plants, \$1.00

CALIFORNIA BEAUTY (Broomall 81C), Bloom 7 x 3½, Bush 4½ ft. A pure copper in color. We have found this variety to be one of the best keepers as a cut flower, and we have never had enough for the market. Bush growth and stem excellent.

Roots, .50; Plants, .50

DR. HELMUTH SPAT (Topsvoort 85C), Bloom 5 x 2, Bush 4 ft. A clear light lilac that is much in demand by florists. Stems long, stiff and straight and it is a very free bloomer. Especially good late in the season.

Plants, .50

ELLA MAY (Prentice-Dahliadel 85E), Bloom 7 x 5, Bush 5 ft. This dahlia offers you a good Cactus dahlia with a real good stem, although at times it is an Incurved Cactus. Flowers are large and deep, with full centers, suitable for exhibition or landscape work. Color, deep crimson carmine, dark, yet rich and distinctive. Bush is a good grower.

.50

FRAU IDA MANSFIELD (Schone 85C 86E), Bloom 7 x 4, Bush 4½ ft. One of the most striking and admired dahlias in our Trial Grounds. Color is clear, pale lemon. The revolute petals are cleft giving the effect of having double the number of normal petals and making a very full and attractive flower. An early and profuse bloomer and a variety we heartily recommend.

Roots, \$1.00; Plants, .50

JERSEY'S DAINTY (Waite 85E), Bloom 7 x 3, Bush 5 ft. A dahlia that will not only win on the exhibition table but is good for cutting. It is truly dainty in color, white faintly tinged lavender, almost pure white late in the season. A prolific bloomer with long, straight stems. Foliage dark and healthy. Popular with florists.

Roots, \$1.50; Plants, .75

JUGENDPRACHT (Wolf 84C 85E), Bloom 7 x 4, Bush 3½ ft. A glorified Golden Sonne of about the same form and size, of a more pronounced coloring which is a clear yellow, suffused salmon rose, making it very effective for many practical uses, especially when cut.

Roots, .50; Plants, .50

SAARLAND'S HEIMKEHR (Woditschka 85C), Bloom 7 x 4, Bush 3 ft. We have found this one of the best of the European introductions of a very artistic formation with fine, slender petals. Deep rose pink shading to pale lemon yellow and tipped lemon yellow. It is a fine grower with full centers the entire season and with good stems.

Roots, \$1.50; Plants, .75

WARREN CHURCH (85E), Bloom 8 x 4, Bush 5 ft. A sport of Ambassador which is decidedly different in color while in form and bush growth it is identical. The color is soft violet rose shading to white at the center. A fine exhibition variety and a welcome color in the Cactus class.

Roots, \$1.00; Plants, .50



STRAIGHT CACTUS DAHLIAS

DULCINEA (Bruidegom 84C), Bloom 6 x 3 1/2, Bush 4 1/2 ft. A new soft crimson red with long, pointed petals. Slender wiry stems and a good grower which does best in cool weather Plants, \$2.00

GOLDEN STANDARD (Downs 85E), Bloom 9 x 5, Bush 4 1/2 ft. A warm buff shaded amber and gold. Very pleasing in form with full centers and evenly arranged petals. Like a number of other Straight Cactus dahlias at times it is inclined to be Incurved. Bush is a good, open grower. Stem holds flower facing at right angles, which shows up well in the garden or when exhibited and has been a consistent prize winner. Roots, \$2.50; Plants, \$1.25

INSPIRATION (Ballego 84C), Bloom 7 x 3 1/2, Bush 6 ft. Light lemon yellow blooms with pointed petals. Very stiff, strong stems. Good for cutting. Plants, \$1.00

LEIDEN'S ELEGANCE (Ballego 85C), Bloom 7 x 3 1/2, Bush 5 ft. A light cardinal in this class is welcome and especially one with long, erect stems. Good form and a variety that does well under ordinary culture. Fine for florists' use. Plants, \$1.00

MISS BELGIUM (Nagels 85C), Bloom 6 x 4, Bush 4 1/2 ft. Blooms early and continuous on long wiry stems. Keeps well and is very useful for small baskets and arrangements as it is airy in form and popular in color which is an even shade of bright orange. Very effective with other garden flowers. Plants, .50

MRS. BRUCE COLLINS (Groll-Dahliadel 84C 84E), Bloom 9 x 4, Bush 4 ft. An exceptionally early bloomer and often blooms before it has had time to make a bush. Therefore, side pruning is advisable in the early season to start the bush. It is a primrose or light lemon yellow shading lighter toward the tips but shows yellow under artificial light. Fine stems and a continuous bloomer. The low growing bushes are fairly covered with blooms of exhibition size. A very good grower especially in the South. Roots, \$2.50; Plants, \$1.25

MRS. HERBERT O'CONOR (Berwick-Dahliadel 85C 86E), 1936, Bloom 9 x 5, Bush 5 1/2 ft. The exceptional qualities, especially for a Cactus dahlia, are long, slender yet erect stems, blooms of exhibition size and of unusually bright color, which is a rose pink shading to deep rose pink at center. Although we are classifying this dahlia as a Straight Cactus, under varied climatic conditions it has a tendency to incurve. Scored 88 at Ohio Valley D. A. Trial Grounds, and received much favorable comment at the National Show at Detroit. A variety we highly recommend. Roots, \$5.00; Plants, \$2.50

Varieties on this as well as other pages in this catalog are the same form bloom as illustration



Golden Standard



Mrs. Herbert O'Connor

Our Field Days are becoming more popular each year. The interest displayed in the dahlia as shown by these hundreds of visitors is more noticeable. We value the friendship of our customers and appreciate their encouraging letters, and are looking forward to Field Days again this next fall with even greater interest and enthusiasm. If you cannot visit us here, we shall be glad to meet you at any of the Fall Flower Shows where we exhibit or judge.



INCURVED CACTUS DAHLIAS

Pink Spiral

PINK SPIRAL (Bruidegom 85C), 1935, Bloom 8 x 4, Bush 4½ ft. A dainty attractive color combination of peach blossom pink with a yellow center that is very pleasing. Bush grows well and stems are excellent. Blooms very artistic in form.

Roots, \$1.50; Plants, .75

AMERICAN TRIUMPH (American D. F. 84E), Bloom 8 x 4, Bush 5 ft. Color, oriental or bright, clear red. Blooms, with high full centers, are held on long, straight stems. Petals are decidedly incurved when flower is fully developed. A good garden and exhibition flower, as it is an exceptionally good keeper. Susceptible to thrip and leaf-hopper injury.

Roots, .50; Plants, .50

BALLET GIRL (Boston 82E), Bloom 8 x 3½, Bush 4½ ft. Beautiful flowers of immense size. Color, orange, tipped white. Some flowers pure orange, with other variations on same bush. Early and free bloomer.

.50

CONSERVATRIX (Bruidegom 85E), Bloom 8 x 3½, Bush 4½ ft. One of the most artistic of the Incurved Cactus dahlias. Stems long and erect. Keeps as well when cut as the best Decoratives. An early, free bloomer of good size and beautiful form. Color, bright geranium red. Bush and foliage very satisfactory, but not a heavy root maker.

Plants, .50

F. W. FELLOWS (Stredwick 84E), Bloom 8 x 3½, Bush 5½ ft. Still a favorite on the exhibition table. Flowers are of an ideal Incurved Cactus form. Color, lively orange scarlet.

Roots, .75; Plants, .50

KAREOL (Carlee 84E), Bloom 6 x 2½, Bush 4 ft. Incurved Cactus dahlias on long, erect stems are rare. This variety not only qualifies as to stem but is decidedly Incurved and a pleasing combination of maize yellow suffused and tipped carmine, shaded old rose. Comes into bloom very early.

Roots, .50; Plants, .50

LILAC GLORY (Ballego 85C 85E), Bloom 6 x 2½, Bush 4½ ft. One of the prettiest Cactus dahlias we know of. Color, soft violet rose with silver shadings. Stems are slender but strong and erect, making it ideal for baskets and arrangements. Blooms early and continuously. The more you cut the more it produces.

Roots, .50; Plants, .50

RENATE MULLER (Germany 85C 85E), Bloom 8 x 5, Bush 5 ft. One of the best in this type. Color, bright violet rose with sulphur yellow shadings at center. Blooms are large, well formed, on strong stems. This variety is a good keeper and we highly recommend it.

Plants, .50

SPORT (Dahliadel 84E), Bloom 8 x 3½, Bush 5½ ft. Although a sport of F. W. Fellows with all its merits, it has never reverted to its parent. Deep but-tercup yellow with buff shadings at center. Fine for exhibition, and a favorite in the garden.

Plants, .50

VISITORS ALWAYS WELCOME AT DAHLIADEL

We are always glad that Dahliadel friends stop in on their way to the shore, New York, or Philadelphia. During September and up until frost, (late October), they enjoy seeing over forty acres in full bloom; and if, perchance, they come before the fields are in bloom, a trip through the cellars and greenhouses is instructive and interesting. If you plan to come to this section next fall, let us send you directions showing auto routes to Dahliadel.



SEMI-CACTUS DAHLIAS

AMELIA EARHART (Cordes-Eastman 86E), Bloom 12 x 6, Bush 4 ft. Although this variety has been temperamental for some, we have stock which should be satisfactory. Color is apricot buff with salmon tints shading to soft yellow at base of petals. One might picture it as an improved Edna Ferber of larger size, better stems, and with more gold and less rose shadings. **Roots, \$3.00; Plants, \$1.50**

BALLEGO'S SURPRISE (Ballego 85C 86E), 1936, Bloom 9 x 5, Bush 5 ft. The most needed variety that has been imported for some time. Truly a white Frau O. Bracht but easier to grow. It keeps wonderfully well when cut and is easy to handle both as a commercial and an exhibition variety. Deep, full-centered blooms on strong erect stems with bush growth that is very desirable. This variety won many awards in Europe and will be a consistent winner in this country as it is already very popular. **Roots, \$4.00; Plants, \$2.00**

FRAU O. BRACHT (Berger 84C 86E), Bloom 9 x 4½, Bush 5 ft. This fine dahlia has made a host of friends in this country. It is a wonderful cut flower as well as a great prize winner, keeping well and holding blooms on fine stems. A cleancut, straight-petaled Semi-Cactus, at least it is classified as such, although at times the majority of petals revolute for more than half their length and allow it to qualify as a Cactus. Color, a clear, light primrose yellow. A. D. S. Cert. It is just about the prettiest yellow Cactus or Semi-Cactus dahlia you can wish for. **Roots, \$1.00; Plants, .50**

KAY FRANCIS (Cordes-Eastman 85E), 1935, Bloom 8½ x 5, Bush 5½ ft. The beautiful deep flowers with high full centers and numerous petals are soft lemon yellow, slightly deeper than Frau O. Bracht. It is a tall rugged grower with sturdy stems, and good branching habits but needs disbudding to produce exhibition blooms. **Roots, \$2.50; Plants, \$1.25**

MIRIAM HOPKINS (Cordes-Eastman 84E), 1936, Bloom 12 x 5, Bush 6 ft. A seedling of Amelia Earhart and quite similar in color although of a rather loose and shaggy formation. A real giant in size. Color, soft salmon pink with carmine suffusion. Tall, robust bushes. **Roots, \$5.00; Plants, \$2.50**



PRICE VS. QUALITY

There are dahlias offered at lower prices than ours and we realize it is a temptation to buy at as low a figure as possible, as you want to get as much as you can for your money; but to have 100% success, you must have the best stock that can be produced. Buying inferior stock at low cost is not an economical way to buy and seldom is the way to success.

This catalog goes into forty foreign countries, and we have shipped Potash-Fed Dahlias into nineteen of these where they have made a host of friends.

With the reduction of prices, we are continuing our Free Root Offer and unusual values in Collections.



Ballego's Surprise



Pride of America

PRIDE OF AMERICA (American D. F. 85E), 1936, Bloom 9 x 6, Bush 5 ft. A very full, deep Semi-Cactus that opens back almost to the stem and should do well on the exhibition table. Color, clear primrose yellow with a tinge of pink on the reverse of petals. Stems are strong, though not clumsy. Foliage medium dark and healthy.

Roots, \$7.50; Plants, \$3.75



SEMI-CACTUS DAHLIAS—Cont'd

give you the satisfaction it has given us. As additional reports of the good behavior of this dahlia come in to us from all over the country, we find it is a much greater dahlia than we realized when it was introduced.

Plants, \$.75

BAERNE (Ballego 85C), 1936, Bloom 6 x 3, Bush 4 ft. Deep rose pink at tips shading to amber yellow at base of petals. Very similar in form to Paul Pfitzer but much more color. Stems strong and erect. Very early and profuse.

Plants, \$1.00

GOOD WILL (Nuneviller 83E), Bloom 10 x 5, Bush 4½ ft. Large attractive blooms of violet rose with bright rose shadings. The center is shaded sulphury yellow. A tall open growing variety with strong, slender stems. Good stock is still scarce.

\$1.50

JEAN TRIMBEE (Trimbee 85E), Bloom 10 x 5, Bush 5 ft. Massive yet artistic with long, revolute petals that curl and twist. The color is a beautiful petunia violet making it popular as an exhibition dahlia. A tall, vigorous grower with long erect stems.

Roots, \$1.00; Plants, .50

MISS GLORY (Balley-Success 86E), 1936, Bloom 10 x 5, Bush 4 ft. Outstanding because it fills the need for a deep yellow Semi-Cactus for exhibition. Stems are satisfactory. Color, soft apricot yellow with lighter shadings. The petals are rolled and considerably incurved. Considered one of the outstanding dahlias at the Trial Grounds at Storrs in 1935, where it scored 86.

Plants, \$3.50

PAUL PFITZER (Berger 85C 86E), Bloom 8 x 4, Bush 4 ft. A German novelty that has won a name for itself in arrangement classes, baskets, and for general florists' use. It is a pleasing combination of sulphur yellow and lilac rose that blends wonderfully well with Frau O. Bracht, and a basket of these two varieties is about the loveliest one could ask for. Strong, vigorous plants with dark foliage and excellent stems. A wonderful cut flower.

Roots, \$1.00; Plants, .50

RED JUG (Preas-Ruscmohr 85E), 1936, Bloom 8½ x 5, Bush 5 ft. A remarkable brilliant crimson carmine with faint yellow tips. It has wonderful keeping qualities. In form it comes close to being a true Cactus at times. Stems are cane stiff and hold the flowers perfectly facing. Foliage is insect-resistant. A consistent winner with many prizes to its credit the past two years. Certified at Storrs, 1935.

Roots, \$5.00; Plants, \$2.50

RUDY VALLEE (Broomall-Success 84E), Bloom 11 x 6, Bush 5 ft. Really spectacular. It has size, beauty, keeping qualities and is very attractive. Flowers are full-centered and are held well above the clean-cut foliage, on long, straight stems. Growth vigorous. A dahlia that you should have. A. D. S. Cert. Color, reddish apricot, gold center.

Roots, .75; Plants, .50

SATAN (Ballay-Success 85E), Bloom 10 x 4, Bush 6 ft. Color, scarlet with yellow on reverse of petals showing at the center as petals unfold. Stems are very long and may need some support in wet weather. Very showy in the garden. Bushes tall and rugged. Flowers are uniformly large and of regular formation, keeping well when cut. Certified at Storrs.

Roots, \$1.00; Plants, .50



PAUL PFITZER



AIKO

AIKO (Dahliadel 85E), Bloom 10 x 4½, Bush 4½ ft. A most spectacular dahlia. Cardinal or deep carmine, with a silver reverse showing at the center and tips, making it unusual. Bushes are strong, open growers. Reacts wonderfully well in heavy soil. This dahlia occasionally throws a flower off-form, which is easily forgotten in comparison to the number of perfect blooms, and we believe it will



SEMI-CACTUS DAHLIAS—Cont'd

CARLA (Dahliadel 83C), 1934, Bloom $4\frac{1}{2} \times 2$, Bush 4 ft. Color is buff, heavily shaded old rose and suffused violet rose, a rich contrast to the dark green foliage. The bush growth is compact, making a beautiful background for the perfectly formed flowers with full centers. Blooms seem to jet out all over the plant. Ideal in the garden and for arrangements. Will grow 5 to 6 inches if disbudded. .50

ELLA BRUIDEGOM (Bruidegom 84C), Bloom 6×3 , Bush 4 ft. An attractive Semi-Cactus of deep rose pink suffused soft rose red, on fine stems. Early and profuse. This variety is fine in the garden and should be very satisfactory for cutting, as it is an exceptionally good keeper. Plants, .50

FLAMING TORCH (Bruidegom 83C), 1936, Bloom $6 \times 2\frac{1}{2}$, Bush 5 ft. A very conspicuous soft orange suffused scarlet that has several awards to its credit. Strong, erect stems with excellent bush growth. Blooms early. Plants, \$1.50

GRETEL (Bauer 83C), Bloom 6×3 , Bush $3\frac{1}{2}$ ft. Best described as a larger and darker Miss Belgium. Color, a soft fiery red. Fine for the exhibition table. We believe this variety will be satisfactory in every way. Plants, \$1.25

KARL BONAWITZ (Dahliadel 86E), Bloom 8×5 , Bush $5\frac{1}{2}$ ft. The ability of this dahlia to withstand varied climatic conditions throughout the country has won it many friends as well as many prizes. The brilliant, velvety carmine flowers are artistic and graceful in form. Although dark in color for a commercial cut flower, it is a wonderful keeper and arranges well with lighter dahlias. It comes the nearest to developing a perfect bush without topping or disbudding of any dahlia we know, as it just naturally branches and produces perfect and uniform blooms on long, erect stems. It responds, however, to disbudding (either Drawing X or Z) and will give you stems up to 4 feet in length. Roots, .75; Plants, .50

MARIAN BROOMALL (Broomall 82E), Bloom $10 \times 4\frac{1}{2}$, Bush $5\frac{1}{2}$ ft. A truly beautiful dahlia. Color, clear violet rose, shading lighter at tips, with white center. Bush growth and stems very good. A dahlia you will like. Plants, .50

MARYLAND ORANGE (Maryland D. G. 83C), Bloom 7×4 , Bush 5 ft. A bright orange with orange cadmium shadings that will attract much attention. Good commercial color and type. It is especially adaptable for baskets. A good keeper, and blooms freely. .50

MAY ROBSON (Chappaqua 83E), Bloom 8×3 , Bush 5 ft. A rather attractive soft rose pink Semi-Cactus. Bush healthy, stems erect and blooms well above the foliage. It is not a real fast grower but blooms satisfactorily from mid season on, growing best in cool weather. Plants, \$1.50

TROPIC SUN (Bruidegom 84C), Bloom 6×3 , Bush 4 ft. Full-centered flowers for cutting on strong, erect stems with good healthy foliage. A soft russet orange that is much admired. Plants, \$1.00



Treasure Chest (Dahliadel)

TREASURE CHEST (Dahliadel 85C 85E), 1936, Bloom $8\frac{1}{2} \times 6$, Bush 4 ft. Many of our new dahlias produce just a few exhibition blooms and some of these only toward the end of the season. Treasure Chest produces beautiful, perfectly formed blooms as early as any variety in our fields and flowers are still perfect at frost. The blooms grow in water and are better after two or three days inside, making it ideal as a cut flower, beautiful for baskets and all decorations. Soft golden yellow, lightly suffused coral red similar in color to a light Jane Cowl but richer tones. A very practical dahlia with long slender stems. Roots, \$5.00; Plants, \$2.50

DAHLIA SOCIETY OF
NEW JERSEY

The Dahlia Society of New Jersey joined with the A. D. S. for a very successful show in Rockefeller Center, New York City, in September of 1936. It is strongly advocated that D. S. of N. J. become the New Jersey Branch of the A. D. S. thereby forming an active voting unit and eliminate competition for membership. With only one society to join and that society offering a subscription to the A. D. S. Bulletin, admission to meetings and the right to exhibit or attend the annual show or shows and all other rights of membership either in the state branch or national society it should be very easy to increase membership. It is our hope that the D. S. of N. J. will open the way for more state units to be thus formed and that we have one real bulletin to cover the dahlia all over the United States and still hold our local identity and voting representation within each local unit.

I am writing the above mindful of the fact that I hold the office of President of the D. S. of N. J. and chairman of the new committee appointed by Pres. Lynn B. Dudley on Constitution and By-Laws Revision which is specifically for the revision of the A. D. S. constitution and by-laws to enable state branches to be established and function.

WARREN W. MAYTROT.



Dorcias Ann

SEMI-CACTUS DAHLIAS—Cont'd

DORCAS ANN (E. & M. Williams-Dahliadel 85C 84E), 1935, Bloom 7 x 5, Bush 4½ ft. Not one of those massive exhibition varieties but a dahlia you will enjoy for its sheer beauty rather than size. This dahlia is adapted to home decorations, general florists' use, basket and arrangement classes in the show room, as it is a beautiful rose pink shading to creamy white at center. Bush, healthy and robust, stems always erect and flowering habits are ideal. A good propagator and root maker. Certified at Storrs, Conn., 1933.

Roots, \$2.50; Plants, \$1.25

ALICE WHITTIER (Success 81E), Bloom 10 x 5, Bush 6 ft. Color, primrose yellow. An old variety that is still popular. A good grower on reasonably good stems. .50

ANDREA CSIZIK (Ballego 85C), Bloom 5½ x 3, Bush 5 ft. A very beautiful commercial Semi-Cactus. Bright violet rose on fine stems and a good grower. It will arrange beautifully for the exhibition table or home decorations as well as being popular in the flower shop. Early and profuse.

Plants, \$1.00

EDNA FERBER (F. & M. 85E), Bloom 9 x 4, Bush 5 ft. The size and beauty of this flower still attracts much attention. The petals are curled and twisted, forming an extremely full flower. Color glistening coral, shading to old gold at base of petals. A good strong grower, with dark green foliage.

Roots, .50; Plants, .50

JESSICA DRAGONETTE (Jones-Alling 86E), 1935, Bloom 12 x 6, Bush 5 ft. A 1935 introduction that has not been appreciated as it was one of the best and grown very little. This dahlia not only is an exceptionally healthy grower but produces an abundance of wonderful exhibition blooms on real stems. They keep either on the bush or when cut. Color can be described as a buff apricot suffused peach and mauve. A very pretty combination and should

DAHLIADEL NURSERIES



have its share of winnings in the show room. Large flowers of perfect form with beautifully pointed petals. Plants, \$1.50

JIM MOORE (Loller 83E), Bloom 10 x 4, Bush 4½ ft. A dahlia worthy of space in anyone's garden. It is distinctive in form and color. The petals are long and regular, rolling back at tips, while the color is a primrose yellow shaded gold and suffused salmon. A good healthy grower. .50

LORNA WILDON (Groll 84C), Bloom 4 x 1½, Bush 4 ft. A very pretty white for cutting with a faint violet rose suffusion on back of petals. Rather a flat formation with petals blunt or rounded at tips. Very useful in baskets and arrangements either at home, in the flower shop, or for exhibition. Grows well and blooms profusely. Plants, \$1.00

MARIANNA (E. & M. Williams), Bloom 8½ x 3, Bush 6 ft. A dahlia of rare beauty. Color a beautiful amaranth pink with a silvery sheen. Blooms are held well above the foliage on the best of stems. A thrifty grower producing tall healthy plants and plenty of blooms. Certified at Storrs, 1932, scoring 86-3/5. Was granted planting in the Royal Horticultural Grounds, Wisley, England, and a certificate at Haarlem, Holland, 1935. Roots, \$1.50; Plants, .75

MARY RETZER (Retzer 85E), Bloom 9 x 4, Bush 5 ft. A sport of Edna Ferber with better stems. Color, a soft orchid pink inclined to rose pink. A very pretty dahlia that should be very popular and satisfactory as it is also a strong healthy grower. Plants, \$1.75

PANHANDLE PINK (Linduff 85C), Bloom 7 x 3, Bush 4½ ft. A good cut flower especially if quantity of blooms and long straight wiry stems are considered. Color a deep rose pink with lighter shadings, center amaranth pink. One of the earliest to bloom with full centers throughout the season. Roots, \$1.00; Plants, .50

SISKIYOU (Broomall 80E), Bloom 10 x 3, Bush 3½ ft. Here we have the dahlia that has won in the largest bloom class repeatedly, but on diameter, not considering depth. Flowers held erect on long, strong stems. Color, pink tinted mauve. Petals rather blunt and flat. .50



A. D. S. NEW YORK SHOW

The 1936 American Dahlia Society Show held at Rockefeller Center in Radio City, with the New Jersey Society cooperating, was one of the best attended shows in years with the added attraction of the Gardens of the Nations under one admission. The flowers kept exceptionally well, especially for being on the eleventh floor, and following such a hard rain and wind storm.

Show dates for 1937 have been set for September 23, 24, and 25th. We are again having a three day show in anticipation of this being held in an air-conditioned hall, and we are hoping for some real dahlia weather and a lot of enthusiasm. Dahliadel urges you to attend the annual A. D. S. Show, or better still, exhibit. Remember the dates.



SEMI-CACTUS DAHLIAS—Cont'd

CORALLINA (Bruidegom 85E), Bloom 10 x 4, Bush 4½ ft. Rather unusual in coloring, a soft crimson carmine with reverse of petals Tyrian rose. To add to its attractiveness the petals curl and twist. Stems and bush growth are strong and healthy. A very worthy variety for your garden.

Roots, \$1.50; Plants, .75

LINCOLN G. DICKEY (Dahliadel 84E), Bloom 9½ x 5, Bush 3½ ft. Color, primrose yellow with a decided rose suffusion. One of the earliest to bloom. The growing habits are ideal, making this dahlia very satisfactory. .50

NEW GLORY (Trostle 82E), Bloom 7 x 3, Bush 5 ft. A striking combination of purple garnet tipped white and a popular winner in the bi-color class. Bushes are strong and healthy and stems erect.

Plants, .50

ORIENTAL BEAUTY (Barker 85E), Bloom 7 x 4, Bush 6 ft. The color is clear, bright violet rose. Petals gracefully curl and twist, making a very artistic and useful flower. Strong, rugged bushes. Good for the exhibition table.

Plants, .50

REICHARDT'S MASTERPIECE (Reichardt 84 C), Bloom 6 x 3, Bush 3 ft. The coloring of this variety makes it very unusual and attractive. It is clear canary yellow with strong amethyst shading towards the tips. Petals curl and twist, not quite as much as Miss Elsie Jane. Although the centers are not always full the stems are strong and erect and it is a good grower.

Plants, \$1.50



POTASH FED DAHLIAS

"Potash Fed Dahlias" is not a secret or just a trade name, but a modern method of growing dahlias so that they are literally alive with energy, assuring you of success. In South Jersey with its long growing season, well ripened stock can be produced that will give the best possible results. We have found that dahlias grown in light soil for a period of from one to three years will do wonderfully well when moved to heavier soil conditions with no time lost for acclimation.

The application of Potash in combination with the other elements necessary for proper plant growth (See "Fertilizer"), accompanied by the following conditions, will produce Potash Fed Dahlias: **First.** Cultivation to aerate and sweeten the soil to keep the plant in a steady, healthy growing condition. (See "Cultivation"). **Second.** Watering when necessary to make and keep the plant food available at all times. (See "Irrigation"). **Third.** Most important of all is the health of stock from which your plants or roots were grown. This condition has its direct effect on the results obtained; for an unhealthy plant, whether stunted or diseased, cannot take up potash, or any other element of plant food, in sufficient quantities while in this debilitated condition. Hence, unhealthy or diseased plants cannot be "Potash Fed" even if grown in the midst of plenty.



Miss Elsie Jane

MISS ELSIE JANE (Dahliadel 85C 87E), 1934, Bloom 6 x 4, Bush 5 ft. This variety is continuing to win on the exhibition table, especially in the basket and arrangement classes as it is just about the most artistically formed dahlia we have ever seen. In color, too, it is unique, being a shrimp pink with cream shadings at center and tipped violet rose, a fine and useful color combination. Blooms are uniform and by disbudding can easily be produced 6 x 4 inches in quantities from early until the end of the season. Certified at Storrs, 1934. We heartily recommend it for sheer beauty, floriferousness, long wiry stems, and usefulness.

Roots, \$1.50; Plants, .75



A. D. S. TRIAL GROUNDS

Seedlings may be sent to the A. D. S. Trial Grounds at Storrs, Conn., where they will be well grown under the supervision of Prof. Roland Patch, and to East Lansing, Mich., where Prof. C. E. Wildon is in charge. Scoring and description will be published in the Bulletin and stock returned to you. Fee for each seedling is \$3.00 and three roots or plants of each required. We want to urge all interested in sending new varieties to Trial Grounds to consider using both Trial Grounds, preferably the same year.



Josephine G

SEMI-CACTUS or INFORMAL DECORATIVE DAHLIAS

JOSEPHINE G. (Grosscross 82C 85E), Bloom 8 x 4, Bush 4½ ft. Color is a very pleasing true rose pink of a bright shade, some petals tipped yellow. It makes a wonderful, sturdy bush, with flowers held well above the dense foliage. It is a prolific bloomer, and yet the flowers are of exhibition quality at the same time. It is a Semi-Cactus early and Informal Decorative at the end of the season. A. D. S. Cert. .50

COLOR SERGEANT (Hall 85C 84E), Bloom 10 x 4, Bush 5 ft. This striking variety is useful as a cut flower, for landscape effect, and on the exhibition table. Color is unusual, being a rich, deep salmon bronze of one shade. A strong, upright grower with perfect stems. .50

DIXIE RAVENSCROFT (Seal 84E), Bloom 10 x 5, Bush 3½ ft. The face of this attractive dahlia shows a bright, russet orange while the reverse is lemon yellow. The blooms are large and deep on fairly strong, graceful stems. Its distinctive color makes it very showy. The bushes are robust and quick growing. Roots, \$1.00; Plants, .50

EMMA MARIE (Dahliadel 83C 81E), Bloom 7½ x 3, Bush 6 ft. A favorite because of its pleasing shade of clear pink with a creamy white center and its commercial qualities. It is a robust grower, producing deep, full-centered blooms on three ft. stems in ordinary field culture by disbudding. .35

GOLDEN PRINCE (Weiss), ID, Bloom 10 x 5, Bush 5 ft. A strong grower and a real sensation coming to us from Australia. A seedling, we understand, of Jane Cowl. Can be grown over 12 inches. Color, a rich gold, blended peach, general effect being bronze with gold center. This variety comes into bloom much earlier than Jane Cowl and should be good in the North. It also does very well as far South as Atlanta, Ga. Roots, \$5.00; Plants, \$2.50

DAHLIADEL NURSERIES



GOV. MORGAN F. LARSON (Hall 83E), Bloom 9 x 4, Bush 6 ft. A very pleasing and attractive dahlia; not over robust. Can be grown satisfactorily by those giving their dahlias good culture. Color, clear golden yellow with slight apricot blush on reverse. .50

MABEL S. DOUGLASS (Thompson 82E), Bloom 10 x 4, Bush 5½ ft. This dahlia is of artistic formation with long, curled, pointed petals. In color it is a beautiful pastel lavender. We believe this dahlia will do well in heavy soil. It needs staking and can be disbudded according to Drawing X or Z. Roots, .50; Plants, .50

MILTON J. CROSS (Pennypack G. 85E), 1936, Bloom 10 x 6, Bush 5 ft. A number of winnings are accredited to this dahlia in 1935, including three Achievement Medals. Center of flower is a clear light lemon yellow shaded rose and coral on outer petals. Blooms are not only large but deep as well and very full at center. Stock of roots limited. Roots, \$10.00; Plants, \$5.00

PALO ALTO (Ballay-Success 85E), Bloom 10 x 6, Bush 6 ft. Clear, soft apricot buff suffused coral red. Stems tall and straight. Flowers are of good substance with uniform, full centers. It won the Achievement Medal in Detroit as the finest bloom in the show with Robert Emmet second, and they were so close it was almost a toss-up. Certified at Storrs. A variety we can highly recommend. Roots, \$1.50; Plants, .75

ROYAL WHITE (Bruidegom 83E), Bloom 8 x 4, Bush 5 ft. A pure white dahlia which withstands the heat of the sun without burning. A strong grower with insect resistant foliage. Good stems. Roots, .75; Plants, .50

STAR OF BETHLEHEM (Nolet 84E), Bloom 8 x 4, Bush 4 ft. Inclined to the Semi-Cactus type with a high, full center. Pure white with numerous pointed petals. The dense, dark green foliage makes a beautiful plant and sets off the lovely, white blossoms, enhancing their waxy appearance. Roots, \$1.00; Plants, .50



NATIONAL SHOW AT DETROIT

The first National Show to be held other than in New York City was held in Detroit in 1936. This show was certainly a credit to its sponsors, the Michigan Dahlia Society, with Prof. E. C. Wildon in full charge. Exhibitors at the middle west shows have to travel many miles, some of them coming many hundred miles, on the average greater distances than at any of our eastern shows. It was my first attempt in transporting flowers such a distance by public carrier. The trip itself was made in record time but delivery from the Railroad Station in Detroit to Convention Hall, a distance of about 3½ miles, consumed 6 hours. Wheelbarrow delivery would have been much quicker and more satisfactory. With all this delay and blooms 24 hours in boxes we were able to exhibit Mother Maytrott, Cherokee Rose, Treasure Chest, The Universe and Mrs. Herbert O'Connor and a number of Miniatures in good condition.



INFORMAL DECORATIVE DAHLIAS

ARELDA LLOYD (Smith 85C 86E), 1934, Bloom 10 x 6, Bush 5½ ft. A high score at Storrs of 87 in 1933 and also the outstanding dahlia in the Trial Grounds for that year. Color, a clear lemon yellow with very light rose suffusion on ends of petals with a clear yellow center, or best described as a yellow Jane Cowl, as form and bush are almost identical. **Roots, \$2.00; Plants, \$1.00**

CHARMER (Lloyds D. G. 85E), ID, 1936, Bloom 10 x 6, Bush 5½ ft. To those who grow Jane Cowl this variety is easily described as a yellow Jane Cowl with reservations. This variety has not so far shown a variation of color the way sports sometimes do but is a clear golden buff, lightly overlaid with an apricot yellow suffusion without any rose shading. It is hardly necessary to say that the bush growth, foliage, stems, etc., are very similar and fully equal to Jane Cowl while in color it should be heralded as a great improvement. Keeping qualities as a cut flower are exceptionally good. Were it not for the fact that Jane Cowl is still so popular and reasonable in price this variety would be an unusual sensation. Cert. at Storrs, 1934.

Roots, \$5.00; Plants, \$2.50

JANE COWL (Downs 84C 86E), Bloom 10 x 6, Bush 5½ ft. This wonderful dahlia has been a success wherever grown. Color, a warm buff and old gold, blending to apricot and rose at the center. Bush growth is ideal with strong stems holding the giant flowers upright. A dahlia that is sure to please you, for it is large and impressive. A. D. S. Certificate. **Roots, .50; Plants, .50**

KITTY MAC (Kemp), 1936, Bloom 11 x 6, Bush 4 ft. A large petunia purple coming nearest to Hunt's Velvet Wonder in color and it is a question which is best. Stems are rigid, bushes healthy. Not early coming into bloom for us. **Roots, \$7.50; Plants, \$3.75**

MARGRACE (Bissell 86E), ID, 1936, Bloom 10 x 5, Bush 5 ft. Won first in the Informal Decorative Seedling class at Cleveland Show as well as Sweepstakes for the best seedling. This dahlia is unusual in color and unique in form with good high centers. It is a bright scarlet with a tan reverse. The petals curl and twist showing the reverse. Really excellent stems, strong and heavy. Certified at Storrs and East Lansing. **Roots, \$5.00; Plants, \$2.50**

REX (Fraser 85E), 1936, Bloom 11 x 6, Bush 6 ft. Received a certificate at Storrs scoring 85E in 1936. It certainly is a strong, tall grower with heavy leathery foliage. Color, light lemon yellow with a strong suffusion of golden peach having a metallic sheen. A massive well-formed Informal Decorative strongly inclined to Semi-Cactus. **Roots, \$7.50; Plants, \$3.75**

MEMBERSHIP IN D. S. OF N. J.

Each member of our State Society receives the A. D. S. Bulletin as the official publication. Miss Virginia Stout, Membership Chairman, of Short Hills, N. J., or Miss Frances Hornfeck, Secretary, of 85 Lakeside Avenue, Verona, N. J., will be glad to give you any further information, or send dues of \$2.00 to the Treasurer, Mrs. F. S. Fisher, 121 Abernethy Drive, Trenton, N. J.



Charmer



City of Cleveland

CITY OF CLEVELAND (Bissell 85E), 1935, Bloom 10 x 5, Bush 4½ ft. Worthy of a place in any garden as we found it a strong healthy grower, producing large uniform, well-formed blooms throughout the season. Flowers are of artistic form in a bright orange suffused scarlet. Very rich and attractive in appearance. Certified at Storrs.

Roots, \$2.00; Plants, \$1.00



INFORMAL DECORATIVE DAHLIAS—Continued



The Universe



Myra Howard

MYRA HOWARD (Glutzbeck-Dahliadel 85E), Bloom 10 x 7, Bush 5½ ft. A dahlia we are proud to have introduced. The color is a glowing combination of yellow cadmium and gold with tints of salmon, the entire effect being ochreous orange. Throughout the deep flower are petaloids, which give it distinction. A wonderful plant and a thrifty grower, producing giant blooms freely on long, strong stems. Certified at Storrs, Conn., and has won many prizes. Reports from customers indicate this dahlia behaves wonderfully well in the various climates. Georgia and foreign growers have been particularly enthusiastic. **Roots, \$1.00; Plants, .50**

CALIFORNIA ROSE (Ballay-Success 80E), 1935, Bloom 10 x 5, Bush 5½ ft. This makes one think of Mrs. I. de Ver Warner except the petals twist some and are more pink and less of the mauve. Described as a deep rose pink. Flowers deeper and centers full and high. Stems were not very good with us after the middle of season which brings the score down. Certified at Storrs '31.

Roots, \$3.50; Plants, \$1.75

CITY OF TRENTON (Prentice-Dahliadel 83E), Bloom 10 x 4, Bush 6 ft. A pleasing color. Bright apricot, suffused gold, showing considerable rose on the reverse. The bush grows strong and robust, producing flowers with perfectly full centers on long, erect stems. A dahlia you will like.

Plants, .50

ELIZA LONDON SHEPARD (Peacock 82E), Bloom 9 x 4, Bush 5 ft. The rich coloring of this dahlia makes it very attractive. Bright golden orange apricot so blended that it makes a one-tone spectacular flower. Blooms of good substance with full centers are borne on long stems. Strong grower and free bloomer.

.50

GOOD NIGHT (Broomall 85E), Bloom 10 x 5, Bush 5 ft. One of the prettiest dark dahlias we have had the pleasure of growing. Good throughout the season. Color, garnet shaded maroon. Its faults are hard to find, which is saying a great deal, as it has size, form and stem as well as being an early and profuse bloomer.

Roots, .75; Plants, .50

JERSEY'S DAYBREAK (Waite 84C 83E), Bloom 8 x 4, Bush 6 ft. This much admired dahlia is Hermosa pink, shading to creamy yellow in the center. Flowers are of good size with high, pointed centers and hold their splendid form throughout the season. The stems are rigid and the foliage is of leathery texture. One of the few dahlias that develops in water.

Plants, .50

JERSEY'S MAJESTIC (Waite 82E), Bloom 11 x 5, Bush 5½ ft. As the name implies, this dahlia stands above most varieties on long, erect stems. The foliage is very dark and effective on sturdy bushes. Blooms of immense size are coral shaded carmine and suffused with orange at the center. In general a metallic coloring. Very showy.

Roots, \$1.00; Plants, .50

PRINCE OF PERSIA (Newsom 82E), Bloom 10 x 6, Bush 6 ft. A very striking bright red exhibition dahlia of the most iridescent, rich, glowing cardinal. The petals are of great depth and substance, making an unusually deep, attractive flower. Bush is vigorous and robust.

Roots, .75; Plants, .50

THE UNIVERSE (Dahliadel 85E), Bloom 10 x 5, Bush 3½ ft. An Informal Decorative seedling of 'The World' but darker and richer in color without the silver shadings. In form the petals are more pointed and following its parent, the centers are always full throughout the season. Stems erect and bush growth good. This variety can be especially recommended where seasons are short, as it develops very quickly and blooms early.

Roots, \$5.00; Plants, \$2.50

INFORMAL DECORATIVE
DAHLIAS—Continued

ADIRONDACK SUNSET (Cackener-Parkway D. G. 85E), 1935, Bloom 9 x 5, Bush 5 ft. Color scarlet red with golden tips and reverse. Center of the flower is tipped golden orange. The petals are long and broad, forming a high center. Good growing habits. A very attractive and showy variety.

Roots, \$3.00; Plants, \$1.50

AMERICAN LEGION (American D. F. 85E), Bloom 10 x 6, Bush 5½ ft. After careful selection of stock for a number of years this variety is doing so well in our fields that we are now offering it for those who have admired this dahlia in the past as we have and have been unable to grow it. Color, clear light lemon yellow. A flower that reminds you somewhat of Aztec Glory with better centers and on longer stems.

Roots, \$1.50; Plants, .75

AMERICA'S SWEETHEART (Salem D. G. 85E), Bloom 11 x 6, Bush 3 ft. We have three outstanding yellow Exhibition Decorative dahlias showing up at our shows. They are Lord of Autumn, California Idol and America's Sweetheart with American Legion winning occasionally. In different sections of the country they change as favorites so it is hard to acclaim or condemn when those reading this catalog encircle the globe. This variety is pale lemon yellow of good form with the petals double serrated, curled and twisted in an artistic manner.

Roots, \$5.00; Plants, \$2.50

AZTEC GLORY (Broomall 84E), Bloom 10 x 5, Bush 3½ ft. Yellows come and yellows go, but this is still a very interesting dahlia to grow. It is a clear picric yellow with deep, massive flowers of most artistic formation, held on strong, erect stems. Foliage is glossy green, having somewhat the appearance of holly.

Roots, .50; Plants, .50

BAGDAD (Redfern 84E), Bloom 10 x 4, Bush 6 ft. This dahlia has been very satisfactory for us. It is a beautiful, brilliant scarlet flame of wonderful size. Good bush growth and a good bloomer. The long stems hold blooms high above the bush. A prize winner.

.50

CALIFORNIA IDOL (Ballay-Success 86E), Bloom 12 x 7, Bush 4½ ft. Clear lemon yellow. A dahlia that is comparable to Lord of Autumn, not as Informal, but producing blooms usually facing upwards. It is very deep with full high centers. This variety has made a good record for itself in a number of sections.

Roots, \$5.00; Plants, \$2.50

EAGLE ROCK FANTASY (Broomall-Success 83E), Bloom 11 x 5, Bush 6 ft. Huge blooms are imposing and beautiful in form and color. Broad florets tapering and notched at tips. Clear mallow pink or violet rose with silver shadings. Stems long and erect. Foliage is medium dark green and seems to be immune to insect attack. This dahlia is quite outstanding.

Roots, \$1.00; Plants, .50

HUNT'S VELVET WONDER (Hunt-Burnett Bros. 84E), 1935, Bloom 10 x 6, Bush 5½ ft. This variety won the American Home Achievement medal in New York and won in Camden as the best Informal Decorative Seedling in 1934. The attractive broad petaled blooms are huge and have good, full centers and great depth. The flowers of deep rosy magenta blending into a true purple are well proportioned with large, dark foliage. Roots, \$3.00; Plants, \$1.50



Lord of Autumn

LORD OF AUTUMN (Alny 88E), 1934, Bloom 12 x 6, Bush 5½ ft. As prophesied in '34 this dahlia has made a host of friends and we recommend it highly. Already it dominates the yellow classes in the showroom. It is a wonderful grower with clean, glossy foliage, stems strong and erect. The lemon yellow flowers attain a wonderful size and depth, and the long, pointed and twisting petals with beautiful center formation remind one of a large exhibition chrysanthemum. Highly recommended as one of the best exhibition varieties.

Roots, \$2.50; Plants, \$1.25

LA FIESTA (Cordes-Eastman 84E), Bloom 12 x 5, Bush 5 ft. Deep sulphur yellow penciled coral red. There are interesting color variations in this dahlia. Out of the ordinary. At times the red blends with the yellow, giving almost a salmon pink effect. The lacy petals curl and twist, giving the flower the appearance of a chrysanthemum. Huge blooms are held well above the foliage on good stems.

Roots, \$1.00; Plants, .50

MARMION (Tyler 82E), Bloom 10 x 4, Bush 6 ft. Pure primrose yellow with a bronze center. Reverse of petals suffused bronze. A sturdy, strong-growing plant with blooms held well above the foliage. Old but still popular.

.50

WALDHEIM SUNSHINE (Peacock 84E), Bloom 10 x 4½, Bush 5½ ft. This graceful dahlia is very popular. A true deep yellow that will show up yellow under artificial light. The reflex is darker and there is a rich golden suffusion around the beautiful full, high center. The bush growth is good, stems are strong and erect. It is a sturdy grower and free bloomer.

Roots, .75; Plants, .50

WHITE EMPRESS (Jost 84C), Bloom 8 x 5, Bush 5½ ft. This dahlia is a strong, healthy grower with leathery foliage. Stems are strong and erect. Color, almost pure white. Not an over abundant root maker, either from roots or plants. Good for cutting.

.50



Ray Warner

INFORMAL DECORATIVE DAHLIAS—Continued

RAY WARNER (Peacock 85C 85E), Bloom 8 x 5, Bush 4 ft. Can you imagine an Informal Decorative with long, pointed and twisted petals, on good stems, with low-branching bushes that need very little tying up, in a pink at least two shades brighter than Jersey's Beauty? Centers always full, very early to bloom and a mass of color when not disbudded. Is a favorite. Not a very good root maker. **Roots, \$1.50; Plants, .75**

ACHIEVEMENT (Ballay-Success 84E), Bloom 10 x 5, Bush 6 ft. This dahlia is a robust grower, profuse bloomer, with artistic blooms on strong stems, and has good keeping qualities. Golden yellow suffused coral, giving a general tone of apricot a little brighter and deeper in color than Jane Cowl. **.75**

ALICE IN WONDERLAND (Dahliadel 84E), Bloom 9 x 6, Bush 5 ft. First of all, this dahlia is a most beautiful shade of soft salmon, petals delicately edged bright rose. The long narrow pointed petals curl and twist, curving back until they reach the stem forming a ball with a full high center. Good habits of growth but best in cool weather.

Roots, \$1.00; Plants, .50

ALICE STELLICK (Rindfleisch 82E), Bloom 8 x 5, Bush 6 ft. A bright crimson carmine with a distinct white stripe in the center of each petal, with occasional blooms self colored. The petals curl and twist. Overfeeding or hot weather will produce weak stems at times on this variety.

Roots, .75; Plants, .50

ANDREA ERICSON (F. & M. 85E), Bloom 9 x 4, Bush 4 1/2 ft. We sold more of this variety than any other white in 1936 as it is about the best all around moderately priced white we have. It is very pleasing in form. Blooms are held on excellent stems. It enjoys a very successful record in the white class



on the show table. In hot weather, however, this dahlia needs partial shading to be grown to exhibition perfection. **Roots, .75; Plants, .50**

DOROTHY DUKE (Duke-Dahliadel 84C), 1935, Bloom 6 x 3, Bush 5 ft. We find this dahlia very popular in the New York and Philadelphia cut flower markets, especially for funeral work and all other uses where a clear, light violet rose or orchid shade is required. One of the best keepers and easy to pack. Stems are stiff and slender, centers always full and blooms incessantly. A strong grower, producing large bushes. **.75**

FORDHOOK EMPEROR (Burpee 82E), Bloom 9 x 4, Bush 3 1/2 ft. A glorious blending of rich salmon and rose, making a general effect of apricot. The healthy foliage, good substance of the bloom and the fine growing habits of this dahlia will make it a splendid addition to your garden, especially for low landscape effects. **.35**

FORT MONMOUTH (Kemp 85E), Bloom 11 x 4, Bush, 6 1/2 ft. The predominating color is rich claret with brightness unusual in darker tones. Flowers are full-centered and well-formed, borne on long, stiff stems high above the foliage. A very prolific grower and bloomer. Still a winner on the show table and fine for cutting. **Roots, .50; Plants, .50**

GRACE CURLING (Stredwick 84C 83E), Bloom 8 x 3, Bush 4 1/2 ft. A charming flower of bright lilac with a trace of white at the base of petals, which are cleft, adding interest to the form. It is suitable for exhibiting, especially in basket arrangements, and is attractive in the garden. **.50**

KENTUCKY RED (White 83E), Bloom 10 x 4, Bush 5 ft. One of the brightest reds, a flaming scarlet that will stand considerable sunshine without fading. Flowers are uniform and bush growth healthy with attractive foliage. **Roots, .75; Plants, .50**

SHAHRAZAD (Newson 84E), Bloom 9 x 4, Bush 6 ft. Flowers are massive with large, pointed, but rather coarse petals which curl and twist in an attractive manner. Color may be described as soft Tyrian rose, or according to Ridgeway's chart is rose color. Bushes and stems are exceptionally strong. **Roots, .75; Plants, .50**

THE FIREMAN (Success 84E), Bloom 9 x 4, Bush 5 ft. Scarlet red with golden flushes and golden tips at center of flower, very bright and striking. Winner of a number of awards and prizes. Bush growth good and healthy, blooming from mid-season until frost. **Roots, \$1.00; Plants, .50**

THE LEMONADE (Ward 83E), Bloom 9 x 4, Bush 5 ft. Although we have a number of yellows, this dahlia is popular because of its beauty, size, erect stems, good habit of growth and keeping qualities. Color, clear sulphur yellow. **.50**

WHITE WONDER (Black-Kemp 84E), Bloom 10 x 6, Bush 5 1/2 ft. The giant blooms are pure white with long, pointed, twisted and curled petals, giving the flower a light, fluffy appearance. The bush is a strong, vigorous grower, branching from the ground. It is a very good root maker and well worth your trial. **Roots, \$1.00; Plants, .50**



INFORMAL DECORATIVE DAHLIAS—Continued

BOSPHORUS (Ballay-Success 84E), 1935, Bloom 10 x 5, Bush 3 ft. This variety is rather unusual and may be a little disappointing in the early season as it is ragged and irregular. As the season advances it shapes up much better but is still crinkly on the edges of the petals. Color, scarlet tipped orange. Bush rugged and stocky. Certified at Storrs.

Roots, \$3.00; Plants, \$1.50

CLARA BARTON (Salem D. G. 83E), Bloom 10 x 5, Bush 5 ft. An immense bloom which faces slightly upward on long, straight stems. The face of the petal is silvery orchid with the reverse of deep lavender, giving a general effect of lavender. A very prolific bloomer and one we can well recommend.

Roots, \$1.50; Plants, .75

DERRILL W. HART (Broomall 83E), Bloom 9 x 3, Bush 6 ft. Color, deep orange or copper, shading to henna brown. Has a good stem, keeps well when cut, and is a free bloomer. It is a rapid grower, with heavy, dark foliage, and should be cut back severely during the hot weather. .50

ELINOR M. RADELL (Felsing 84C 85E), Bloom 8 x 4, Bush 5½ ft. The blooms, of good substance, are violet rose with a darker reverse and golden shadings toward base of petals. Certified at Storrs. It is truly outstanding because of its strong, rugged growth which withstands adverse growing conditions. It qualified equally well in color, stem, form, and size and is prolific in its flowering habits. Very satisfactory for us. **Roots, \$1.00; Plants, .50**

IMPERIAL PINK (Hall 83E), Bloom 11 x 6, Bush 6 ft. This dahlia is not only massive but graceful and artistic in form. An appealing combination of beautiful rose pink with primrose and silver shadings blending to violet rose at tips. A favorite in the garden. **Plants, .50**

JUDGE SAMUEL SEABURY (Etherington 85E), 1935, Bloom 10 x 5, Bush 5 ft. Won at New York as best Informal Decorative and certified at Storrs in 1934, along with other winnings. This variety is uniform in color and form and those who like soft or pastel shades should be pleased with this dahlia. Color, flesh or amaranth pink shading to creamy white at center. Foliage rugged, stems and substance good. **Roots, \$4.00; Plants, \$2.00**

MAN O'WAR (Boone-Ruschmohr 85E), 1934, Bloom 10 x 4, Bush 5½ ft. This dahlia has made a good record for itself by scoring at Storrs and a number of other winnings. In form it is similar to the accompanying picture. Color is a rich dark carmine. Good foliage and good flowering habit.

Roots, \$2.00; Plants, \$1.00

MURPHY'S MASTERPIECE (Murphy-Success 85E), Bloom 11 x 4, Bush 4 ft. The monster blooms of deep, dark red shading toward crimson are held erect on stiff stems. It is a stocky grower and in all a good dahlia. Comparing this variety to Dwight W. Morrow, it has better stems, but is not as bright a shade of red nor does it stand sunshine as well without burning. **Roots, \$3.00; Plants, \$1.50**



Robert Emmet

ROBERT EMMET (Moroney-Dahliadel 85C 87E), Bloom 10 x 6, Bush 5 ft. This wonderful exhibition variety is the most beautiful shade of red found in any dahlia, a velvety, cardinal red inclining to crimson, of giant size and great beauty. It is a perfect, open grower with sturdy, dark green, insect-resistant foliage. Certified at Storrs and is a great prize winner. This dahlia produces great quantities of perfect blooms from mid-August until frost, stems stiff and long with flowers facing perfectly. It is a dahlia that will win in both the red and Informal classes as well as the best bloom in the show. Robert Emmet well grown and staged in any show will stand against the best dahlias known today.

Roots, \$1.50; Plants, .75

SANHICAN'S BLUEBIRD (F. & M. 80E), Bloom 7½ x 3½, Bush 4½ ft. A pleasing near to blue Decorative with outer petals of bright violet blue, while the center petals retain the violet tint. An attractive flower on wiry stems. .35

STRONGHEART (Ballay-Success 83E), Bloom 10 x 4, Bush 6 ft. An artistically formed dahlia of good size and perfect stems. Color is a beautiful light cadmium shaded apricot. Certified at Storrs. Foliage is insect-resistant. A very attractive flower. **Roots, \$1.00; Plants, .50**

WHITE ABUNDANCE (Ballego 85E), Bloom 10 x 5, Bush 6 ft. This dahlia did very well for us and we can heartily recommend it. Especially noteworthy is the award of merit at Wisley, England, 1935. Flowers of beautiful waxy white are held well out of the foliage on strong, erect stems. Fine for cutting and exhibiting. **Roots, \$2.50; Plants, \$1.25**

WORLD'S BEST WHITE (Murphy 82E), Bloom 9 x 3½, Bush 5½ ft. Still a popular white for exhibition or the garden. The creamy white blooms are borne profusely on stiff stems.

Roots, .75; Plants, .50



Anna Benedict

INFORMAL DECORATIVE DAHLIAS—Continued

ANNA BENEDICT (Benedict-Dahliadel 86E), 1935, Bloom 9 x 5, Bush 5½ ft. This variety is the most satisfactory dark red we have grown. First, the stems are always good even in wet weather. Second, the centers are always full even at the end of the season. Third, the color will stand full sunshine and not fade. Fourth, the substance will carry the blooms through a good rain and windstorm without battering. Lastly the bush and foliage make a picture of health and vigor. The color is a rich, deep garnet with black shadings at the center of the bloom. Certified at Storrs, with the high score of 86.6. We feel confident you will be more than pleased with it in the garden, home, or on the exhibition table. **Roots, \$2.50; Plants, \$1.25**

DOROTHY STONE (F. & M. 84E), Bloom 9 x 4, Bush 4 ft. Suitable for the garden and show room, although not as spectacular as Kathleen Norris. It is a darker pink and a deeper flower. A good grower with stems long and erect. **.50**

DWIGHT W. MORROW (Dahliadel 85E), Bloom 11 x 5, Bush 5 ft. A gigantic rich crimson red dahlia that is admired by everyone. Its size, form, and richness of color makes it very spectacular. This dahlia likes reasonably heavy soil, but should not be forced or over-watered. From New Jersey and north we have had wonderful reports of its behavior. Disbudding should not be done until terminal bud is about to show color, especially in the south. It is a healthy grower and a popular winner in many shows. **Roots, \$1.00, Plants, .50**

EVA HUNT (Hunt 86E), Bloom 10 x 5, Bush 5 ft. Waxy white with wide, heavy petals, with a texture almost like that of a lily. Centers are full and high. An unusual feature is the dark green foliage on a white dahlia which is a striking contrast. It is a good grower and is sure to be a great prize winner, when it is better known. **Roots, \$2.00; Plants, \$1.00**

GIRL OF HILLCREST (Scott-Kemp 83E), Bloom 10 x 4, Bush 5 ft. You will derive a great deal of pleasure from growing this fine variety as it blooms early and continuously. Color is apricot buff or cadmium orange. A vigorous grower with long stems. **Roots, .75; Plants, .50**

HARRIET HOCTOR (Alling 81E), Bloom 10 x 4, Bush 5 ft. A very satisfactory dahlia of wonderful size and color. The stems tip a little in the extreme heat with the weight of the flower. Color, bright mauve with magenta shadings, giving a bright purple effect. Bushes strong and healthy. **.50**

INDIANA MOON (Martin 82E), Bloom 11 x 5, Bush 6 ft. A richly colored flower of soft cadmium orange with lines and suffusion of carmine. This huge dahlia is easy to grow as it is robust and healthy. The stems are strong and erect. **.50**

KATHLEEN NORRIS (F. & M. 86E), Bloom 10 x 5, Bush 5½ ft. This outstanding exhibition dahlia is a true rose pink, deepening to mallow pink, with central petals a lighter shade. Petals are broad and overlap each other. Blooms are held erect on long, strong stems. This dahlia to do its best should not be planted before June 15th, or if planted early should be topped rather severely about the middle of July with conditions as we have them in New Jersey. **Roots, .50; Plants, .50**

KEMP'S VIOLET WONDER (Kemp 84E), Bloom 10 x 5, Bush 5 ft. The predominating color of this fine dahlia is bright violet purple with faint bluish violet at tips of petals. Deep flowers of perfect form. Stems are stiff, holding flowers well above the foliage. A truly outstanding variety. Keeping well when cut. Plant is a prolific bloomer, strong grower, not susceptible to sucking insects. **Roots, .50; Plants, .50**

MARGARET W. WILSON (F. & M. 82E), Bloom 9 x 4, Bush 4½ ft. An easy variety to grow, producing a profusion of huge blooms. Especially good early in the season. Face of petals creamy white with a phlox pink reverse, giving an opalescent effect. **.35**

MRS. GEORGE LE BOUTILLIER (Ruschmohr 85E), 1935, Bloom 10 x 5, Bush 5 ft. As an exhibition dahlia this variety did considerable winning last season and has been shown 14½ inches in diameter. It has given Murphy's Masterpiece plenty of competition as it is quite similar in form and also a red, but this one is described as a carmine red. **Roots, \$3.00; Plants, \$1.50**

RAJAH (Groll 84E), 1935, Bloom 9 x 5, Bush 4½ ft. The rather unusual coloring and striping of this variety make it outstanding. It is ochreous buff speckled and striped a light garnet. Strong, erect stems with dark green, insect-resistant foliage. Was very popular in our Trial Grounds this past season. **Roots, \$1.50; Plants, .75**

RUDOLF'S GIANT (Rudolf 86E), 1936, Bloom 12 x 7, Bush 4½ ft. The flower, in addition to having size, has depth and the centers are tight and compact. It is a live buff with apricot and pink suffusions which gives a glowing effect. It holds full centers through the season, has good stems and excellent foliage. Certified at Storrs, 1934. A real giant. **Plants, \$5.00**



INFORMAL DECORATIVE DAHLIAS—Continued

CHAMPOEG (Crites-Kemp 82E), Bloom 9 x 4, Bush 5 ft. The unusual coloring is especially attractive. It is a waxy canary yellow at the center and shades into a soft rose red. Strong, sturdy stems hold the flowers well above the rough thick foliage. Blooms are produced early and freely. .50

CHINESE LANTERN (Mad River 84E), Bloom 9 x 4½, Bush 4½ ft. Resembles Jersey's Beacon in color only brighter and Informal in type formation. Color, soft scarlet with reverse of orange yellow. A healthy grower, blooms early, and in all is an improvement over its worthy predecessor. Certified at Storrs in 1934. Roots, \$2.50; Plants, \$1.25

IROQUOIS SUNBEAM (Toth 85C 84E), 1934, Bloom 9 x 4, Bush 5 ft. An upright sturdy grower and prolific bloomer. Orange buff suffused coral. A garden dahlia that will grow to exhibition size.

Roots, \$2.00; Plants, \$1.00

KING MIDAS (Peacock 83E), Bloom 10 x 4, Bush 4 ft. Still a popular yellow dahlia. The plant growth is sturdy, stems are long and erect. For disbudding it responds best to Drawing X, coming into bloom about six weeks after second pinching out. Centers are high and always full. Roots, .50; Plants, .50

MINNORA (Berwick-Dahliadel 85E), 1936, Bloom 10 x 6, Bush 5 ft. This variety is good throughout the season. It is a very pleasing form and color with bush growth, stems and foliage ideal. In color it is a bright apricot suffused violet rose with a decided deep red suffusion on reverse of petals making an unusual but pleasing color combination different to other dahlias. Roots, \$2.50; Plants, \$1.25

MONMOUTH QUEEN (Kemp 85E), 1934, Bloom 10 x 5, Bush 5 ft. Full centered flowers of good size and depth held facing on long, stiff stems. A wonderfully strong grower, bright green foliage, and a prolific bloomer. Color is a pleasing lemon yellow gradually passing to light primrose or cream yellow on back petals. Roots, \$2.00; Plants, \$1.00

POT O'GOLD (Chappaqua 84E), Bloom 9 x 5, Bush 4½ ft. A large, brilliant flower of clear yellow with numerous long, wavy petals which not only make it artistic and beautiful in form but give it great depth. Very free blooming and most satisfactory for us. Certified at Storrs. Roots, \$1.00; Plants, .50

THE COMMODORE (Scott-Kemp 83E), Bloom 10 x 4, Bush 5 ft. A nice clean-growing, bright lemon yellow. Won American Home Achievement Medal and A. D. S. Certificate. Petals large, centers full with flowers of loose and open formation. Bush is compact. Stems are of good length when disbudded. .50

WHITE DUCHESS (English 85E), Bloom 11 x 5, Bush 5 ft. A bold white flower of large size, with a full, high center, facing upward, or partially so. Petals are broad and waved, giving the flower a very graceful appearance. Stems are strong and erect. A good grower. We have found this a very satisfactory white exhibition dahlia with wonderful keeping qualities. Roots, \$1.00; Plants, .50



Minnora



Mid-West Champion

MID WEST CHAMPION (American D.F.), ID, 1936, Bloom 10 x 6, Bush 4 ft. Brilliant violet rose with yellow shadings at base of petals. According to Rideway's color chart this would be a Listeran Purple. Plant growth and stems are ideal with heavy insect-resisting foliage. Certified at East Lansing and Storrs, scoring 86 and 85 1/7E respectively. Roots, \$5.00; Plants, \$2.50



CULTURAL INSTRUCTIONS

The following directions are based upon years of experience and should be of value in solving some of your cultural problems. These suggestions should be changed to suit local requirements. However, we sincerely believe that the fundamental principles involved will apply throughout the country.

SOIL PREPARATION

The dahlia will grow and produce excellent results in a wide range of soils, other conditions being favorable. It is not so much a matter of soil type as it is conditioning. To grow exhibition blooms to perfection, the nearer soil can be to ideal the better your results will be. Soil should contain enough clay to keep the fertility from leaching and also enough sand or stones to facilitate drainage. Fifty to sixty-five per cent sand is considered ideal.

The use of peat moss broadcast and mixed well into the top-soil without the use of coarser material in the sub-soil is an advantage on heavy soil to open it up and on light soil it will conserve moisture and hold fertility.

As soon as the soil can be worked in the spring, it may be further improved by a cover crop of oats and field peas. Or, better still, where winters are severe, sow rye in September or October. The green crop will do no harm during the late blooming season, will winter over, and should be turned under about two weeks before planting. In New Jersey and farther south, rye can be sowed after digging roots. A cover crop will add organic matter, supply humus and further adjust soil conditions. If soil is poor, a top dressing of stable or chicken manure, after digging roots, in the fall or early winter will improve growth the following year. Chicken manure, however, should be used very sparingly.

A good time to work the soil, when no cover crop is planted, is about a month before planting, digging rather deep and thoroughly breaking up all lumps. Then rake the ground over about once a week to retain moisture.

DRAINAGE. The primary factor in growing dahlias is that of drainage, which in sandy soils is well taken care of, but in heavy soils a quantity of coarse coal ashes should be dug in and thoroughly mixed with the subsoil. Then coarse manure, straw, litter or peat moss should be mixed into the top-soil. The addition of a good quantity of coarse sand will help drainage and aeration wonderfully in compact or clayey soil.

For soggy soil we might suggest ditching 18 or more inches deep where the row is to be planted, running the ditch with the slope if possible. Fill in with coarse ashes, clinkers or any coarse material that will not rot, keeping it below spading depth, then fill in top with soil mixed with peat moss, sand or the part of ashes about the size of corn or a little larger. When using peat moss, to each bale, add 2 pounds of powdered chalk (calcium carbonate CaCO_2). This will counteract any acidity generated by the peat moss.

See "Irrigation" for Tile Drainage System.

LIMING. As a rule, the dahlia likes a reasonably acid soil, but will do equally well without the presence of much acid. Lime not only neutralizes acid, but makes the natural humus in the soil available as well as loosening heavy soil. With this in mind, liming at the rate of 1 pound to 20 to 30 square feet is a safe practise on heavy soil every 3 or 4 years.

FERTILIZER

Of the ten elements considered absolutely necessary to plant growth, we find nitrogen, phosphorus and potassium the prime essentials and the ones most lacking.

Nitrogen stimulates the growth above ground, producing large bushes and flowers, but if used to excess the flowers will be soft, wilting readily, and the bushes will be overgrown and lower the vitality of the roots. Nitrogen is found naturally in humus (decomposed vegetable matter or manure). It can best be supplied in animal matter, such as bone meal, tankage or manure.

Phosphoric acid increases the root development, especially the lateral and fibrous roots, strengthens the plant growth and gives substance to the bush and flowers. It also aids in ripening the roots. This element is found in bone meal, tankage and acid phosphate, with a small amount available in manures.

Potash is the balancing agent for nitrogen and phosphoric acid. It gives color to the flowers and foliage, and vigor and tone to the plant in general. It is an essential in starch formation and aids in the maturing of well-nourished roots. This is found in wood ashes, muriate or sulphate of potash.

Fertilizer to be applied before planting. Scatter broadcast after spading and mix thoroughly into the top-soil to every 100 square feet of ground or to each 10 dahlia hills.

5 lbs. Raw bone meal.

{ 10 lbs. Unleached wood ashes, or

{ 1 lb. Muriate or sulphate of potash, not both.

An additional 5 lbs. bone meal may be spaded in before the above application if ground is very poor.

Fertilizer or top dressing to be applied about August 15. Scatter broadcast over ground, not closer than 6 inches nor more than 18 inches from the stalk and rake in, to every 10 hills.

1 1/2 lbs. Raw bone flour.

{ 1 1/2 lbs. Animal tankage, or

{ 4 lbs. Sheep manure, not both.

{ 5 lbs. Unleached wood ashes, or

{ 1/2 lb. Muriate or sulphate of potash, not both.

Manuring is not necessary, even in light soil, if the above formula is used, but an application of horse or cow manure or compost in the Fall is very good for soils lacking humus. This can be used as a top dressing for a cover crop, or dug in by shallow spading in the Fall to help decomposition, and then spaded in deep about two weeks before planting.

Don't use nitrate of soda as a fertilizer. Don't try to grow exhibition blooms by forcing the life out of your stock with sheep or any other manure and expect your stock to do well for you the following year without balancing your plant food with phosphoric acid and potash. Exhibition blooms and good roots can be grown at the same time from green plants as well as from roots by following our cultural instructions.

PLANTING

WHERE TO PLANT. In selecting a location for dahlias, it is essential to have a free circulation of air for healthy plant growth and to prevent mildew. Dahlias need direct sunlight at least 3 or 4 hours, preferably 6 or 7 hours, each day and should not be planted near large trees or dense shrubbery which would shade the plants and use moisture and plant-food.



WHEN TO PLANT. Should you desire a mass of color for landscape effect or a number of smaller blooms to cut, early planting is recommended. For exhibition blooms later planting is advisable, unless you intend to cut back, prune and disbud systematically.

Dahlias should be planted in Southern New England, Southern New York State, Pennsylvania and North Jersey between May 15th and June 15th, while in South Jersey, Delaware, Maryland, Virginia and interior States of the same latitude the planting period extends from May 1st to July 1st; North Carolina from April 15th on, South Carolina and Georgia from April 1st on, advancing through Florida to January in the citrus fruit belt. Farther north, where hot Summers are less harmful and early frosts are prevalent, planting may commence as soon as danger of frost is over. In the northern parts of the United States and Canada we recommend starting dahlia roots or plants in a cold frame in pots or in squares of inverted sod, so they can be planted in your garden without disturbing the feed roots. Should the top growth be over 6 inches at time of planting out it would be well to top out, leaving preferably two nodes above the ground, see P on Drawing X. When green plants are grown in 2 to 2½-inch pots, as soon as a good root growth is developed they should be repotted in 3 to 4-inch pots and pinched out at time of re-potting.

HOW TO PLANT. When planting large flowering dahlias, the rows should be from 4 to 5 feet apart, or from 6 to 10 square feet should be allowed for each plant. A novel way to plant is to place your stakes 4 x 5 feet apart, and plant a root or plant on each side of the stake so that stalk will be about 2 inches from the stake. This will allow better air circulation and more room for cultivation. Varieties will not mix by growing them together and should one plant fail, there will be no blank spaces.

Do not plant roots or plants in or over hot manure or any quantity of compost. Although practiced by some, we do not recommend the use of any potato, dahlia fertilizer or bone meal in the hole directly under the dahlia root or plant, as there is too much danger of injuring the tender feed roots, but rather suggest a broadcast application, as recommended above after spading. The stunt in dahlia plants can often be traced to the burning of the feed roots caused by excessive chemical feeding.

ROOTS should be planted in trenches or holes, 4 inches deep in heavy soil and 6 inches deep in sandy soil, laid flat down (not on end) and covered with earth not over 2 inches in depth, filling in as the plant develops. Where drainage is poor keep a furrow open between rows to facilitate drainage in wet weather.

GREEN PLANTS. After removing moss and paper pots from plants that have been shipped, moisten ball of dirt if partially dried, then plant them with the top of the ball of dirt about 3 inches below the ground level and cover the top of the ball of dirt ½ to 1 inch. In locations where there is danger of flooding, or poor drainage, do not plant quite this deep. Water thoroughly once if ground is dry and then protect with open basket or open crate for a few days as a partial protection from the sun and wind, covering only when protection is needed. Then start cultivating. Fill in gradually as the plant develops. For cut worms, scatter poison bait the evening of planting. See "Cutworms."

Where dahlia plants are to be set in heavy soil it is advisable to at least prepare the hill by mixing sand or the medium coarse part of coal ashes into the ground where the plants are to be set. The dirt can also be washed off the roots and the roots straightened out, which will, however, check the growth of the plant about a week. Plants will make better bushes and clumps in heavy soil if hills are prepared, but it is not at all necessary in light soil.

It is best to set plants without cutting back to get feed roots started. After the plants have established themselves you can top back with safety.

Cut all plants back to two or three pairs of leaves above the ground, or at least pinch out the top to cause the plant to branch. When plants have been shipped a distance and lower leaves are somewhat yellowed, do not top until plants have started to grow.

Where dahlia plants are grown with only a reasonable amount of fertilizer and water they are apt to make more roots than when grown in the midst of plenty. To produce roots on plants use a balanced plant food, as recommended under **Fertilizer**, but not to excess, and water only when necessary to produce a good, healthy, but not soft growth. When setting plants the last of June for September blooms, we recommend disbudding, according to Drawings X, Y and Z. When planting a month earlier it will be necessary to cut the fast growing varieties back severely about six weeks before you want blooms, leaving about one-half the growth and not more than six laterals for the first blooms. Then disbud these, as shown on Drawings X or Y, as soon as branches develop sufficiently. This cutting back will give the plant an oversupply of feed roots, which will start root production at once. On digging in the Fall you will find mature roots, where on plants not cut back you will find more fibrous or feed roots.

In growing Dahliadel green plants, only the strongest cuttings are potted, and again the best plants are selected for filling orders. This assures you of the best stock procurable.

PINCHING OUT and DISBUDDING

PINCHING OUT is indicated on Drawings X and Y at P and P2, first and second pinching out, respectively. We recommend this system for most varieties. The smaller a plant is when pinched out, the quicker it will heal and branches develop.

Allow only one main stalk to grow (never more than two). Pinch out the crown or center above the second pair of leaves. The principle of taking out the center is to develop the eyes, which are located at the base of the leaves. The top pair of eyes will make themselves evident in surprisingly short time, and these shoots or branches on most varieties should be pinched back again, P2 unless they are short stemmed varieties. In that case, they should be side pruned as indicated at F in Drawing Y, leaving not more than one pair of eyes on each branch. By the time these get a start, the second or lower set of eyes on the main stalk will have developed along with those above. These stems should bear the first four to six flowers.

DISBUDDING, as indicated by T in drawings, is the pinching or rolling out of the small bud growing at the base of each leaf. These can be cut out with a pointed knife if they have developed considerably before disbudding.

When the terminal bud on each of these stems is about the size of a small acorn, or as soon as the side shoots are large enough to pull out, disbud by taking out all the side buds and shoots except the lower pair on each of the branches which should be allowed to grow to form later flowers. Leave only one side shoot as shown in Drawing X or one to two shoots on Drawing Y, should you desire very large flowers. These new branches should be handled as the previous set as soon as they have developed sufficiently. All of the disbudded stem should be cut with the flower, when following X or Y. This early disbudding and pruning is not solely for the benefit of the first six flowers, but mainly to keep the bush low and properly branched for the future crop, also aiding in root development.

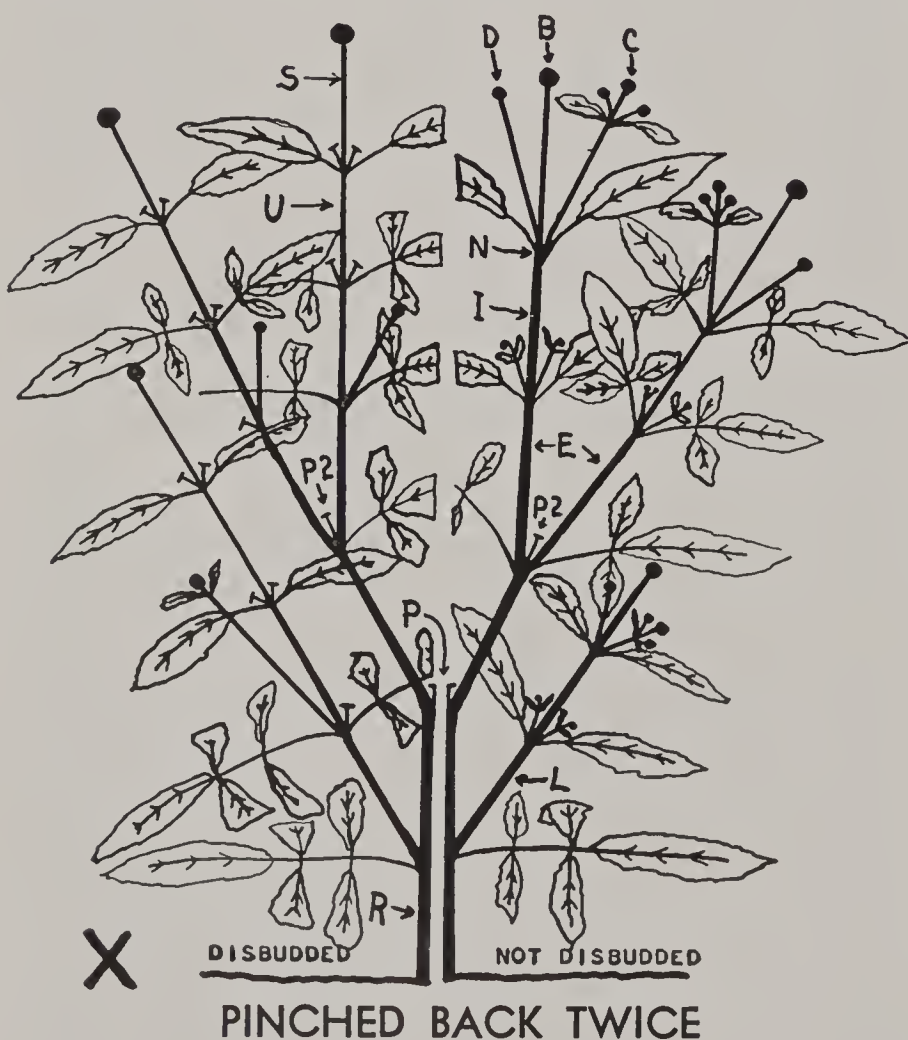
Should you fail to pinch out when plants are small, it will be necessary to use system shown on Drawing Z or exercise care with late topping or cutting back not to open hollow stems so that water can get in and start stem rot. These openings can be stopped up with wax or plaster paris. Should water get into the stalk, slit the stalk just above the nodes with the point of a sharp knife, and by twisting the knife let the water out.

Certain varieties branch to excess. These should be thinned out at intervals of two weeks, and not more than six shoots allowed to come into bloom for the first flowers. This affords the plant better air circulation and sunlight. Without plenty of air and sunlight your blooms cannot be fully developed and your foliage will be easy prey to mildew.

These drawings are made with the hope of making disbudding easier. The **left side** of each drawing shows half of the plant **disbudded**, while the **right side** shows the normal development of branches and buds on the same plant when **not disbudded**.

Key Letters to Drawing

- B Terminal Flower Bud
- C Secondary Terminal Bud
- D Lateral Bud
- E Branch
- F Side pruning, removing B and D
- I Internode
- L Lateral Branch
- N Node
- P Pinched out once
- P₂ Pinched out twice
- R Stalk
- S Stem
- T Where shoot or bud has been removed
- U Stem Stalk



Drawing Y differs from X in that it is for a variety that is known as a crotch bloomer, or for a variety with short stems where the flowers are often down in the foliage. This is easily handled by side pruning, as indicated at F, using the secondary terminal bud instead of the first terminal bud finally for your bloom. The **right side** of the drawing shows **natural growth** after pinching out twice, which is not desirable except for mass color in landscape effects.

Drawing X is recommended for most large flowering varieties under normal growing conditions. Pinching out once is best for varieties that branch readily, while pinching out twice will prove advisable on varieties that grow main branches rapidly and develop lower branches slowly.



Drawing Z is another system, which is recommended for some varieties but can be used for most dahlias (except crotch bloomers) should you desire to see one early bloom. Our reason for not recommending this is that dahlias are not at their best in the hot weather and this one bloom is not always up to expectation. Again, the right half shows normal branch and bud development when not disbudded, with most of the growth in the top of the plant. There are, however, a few varieties that need the mature foliage on the main stalk to keep the roots functioning properly, so when removing this crown bloom leave the central stalk and leaves on the plant but disbud the entire stalk, as shown on the left half of drawing.

Key Letters Used in Index

The key letter just ahead of the price is our recommendation of the system to use in topping and disbudding for each variety listed.

V Do not disbud. For early blooms pinch out once or twice as indicated on right side of Drawings X and Y. For later blooms, cut back to about 6 inches above ground 6 weeks before you want blooms when growing in light soils; in heavy soil allow 7 to 8 weeks. Always leave the side shoots or branches to come into bloom. This system

works very well for the smaller type dahlias; such as, miniature, pompon, single, orchid flowering, anemone, and collarette; also for the larger dahlias when grown for mass color and landscape effects.

W Cut back six weeks before you want bloom leaving about six small branches for your first six blooms and disbud as soon as laterals are large enough by following Drawing X, if stems are naturally long, and Y when stems are short.
X, Y, Z See Drawings.

IRRIGATION

When your dahlias need water, wet the ground so it will penetrate about a foot deep when growing in light soil. In heavy soil, watering need not be as heavy, as it may be followed by a rain and over-watering may result. Cultivate as soon as sufficient drainage has taken place, and do not water again until necessary, which will be in about a week.

Except as recommended below for insect control, do not spray your dahlia bushes, nor sprinkle the surface of the ground every night or so, for this will only pack the surface, preventing air circulation and causing the soil to crust and dry rapidly in the sunshine. This also draws the feed roots to the surface, to be sickened by the heat of the sun's rays. The flowers produced are soft and the root development very poor, low in vitality and hard to winter.

TILE DRAINAGE can be easily and inexpensively installed in heavy soil for irrigating in dry weather and afford drainage in wet weather. Arrange your rows of dahlias with the natural slope and where each row of dahlias is to be planted, dig a trench about 15 inches deep and place in it a row of porous drainage tile with a uniform fall toward the low end. Connect the rows of tile across at top and bottom (glazed sewer tile tees suggested), install a gate valve at the low corner, and pipe off so that the water will readily drain away. On the high corner of your garden, install a vertical tile stand pipe in which a float valve or hose can be used for filling. In wet weather, leave the gate valve open to drain. In dry weather, close the gate and run water in the stand-pipe until you have given your dahlias a good drink by sub-irrigation. This system can be made still more efficient by filling in around the drainage tile with a coarse porous material, such as coarse ashes, or coarse sand, before filling level with regular garden soil. This installation will not be unsightly and last indefinitely.

Automatic overhead irrigation is the most satisfactory all-around system for light soils. It is ideal for the early growing season and we recommend its use in the middle of the day in bright sunshine during this period, as it will discourage thrips and leaf hoppers and control red spider. If insects are bad we recommend sprinkling every two or three days from 1 to 1½ hours each time until insects are under control, then harden the plants off with less water and more cultivation. This will not only discourage insects but help the plants out-grow the insect injury. When bushes are well developed and buds breaking it is best to water after nightfall, less often and more thoroughly. Once a week should be sufficient in real dry weather.



CULTIVATION

By cultivating at least once a week, twice preferably in the early season, and as soon after rain or irrigating as the ground can be worked, the weeds will be held in check and a soil mulch formed which will conserve the moisture and lessen the need of irrigation.

As the plant develops and the feed roots come toward the surface, the ground should be worked rather shallow around the hill for the radius of at least a foot. Still work the balance of the ground rather deep and bring some fresh soil to the plant at each cultivation, giving the plant a new supply of food and protecting the surface roots from the heat of the sun. Have the hills mounded 3 to 5 inches by the middle of September. This will help support the stalks and protect the roots from freezing should an unexpected cold spell catch you before digging.

PESTS

THRIPS are tiny insects which in the nymph stage are less than $\frac{1}{8}$ of an inch long and a greenish gray color. They enter the growing leaf bud and chafe the newly formed leaves, injuring them so that they develop malformed and curled, also injuring the small flower buds and stems. These insects seem to enjoy the life blood of certain varieties on account of its flavor and do not molest the adjacent bush. If the attack is not checked the leaves will be gnarled and twisted, the buds one-sided or so injured that they dry up and fall off. This usually results in a stunted bush, which in reality is only debilitated by insect ravages.

LEAF-HOPPERS are larger than thrips and of a pale yellowish green color, a little over $\frac{1}{8}$ of an inch in length. They fly when the bush is touched during the heat of the day. These sucking insects do much to keep a plant from getting a good start.

APHIDS (plant lice) are soft-bodied, sucking insects which usually work on the under side of the leaves in groups, causing the leaves to curl. Thrips, leaf-hoppers and aphids are possible common carriers of virus diseases and should be kept in control for this reason, if for no other.

A good control method is to spray with pyrethrum soap. This can be done at any time of day and regardless of weather conditions, except rain. We have found this very effective for leaf-hoppers, thrips, red spiders and aphids. Use 4 ounces to 5 gallons of water. For all beetles, grasshoppers, ants and more hardy insects, use double strength or half the amount of water. Should a bush be infested with ants, spray bush and pour a few quarts of spray down the ant hill, or enough to fill the hill. This will do the dahlia no harm, but kill the ants. A number of our customers, as well as ourselves, have had wonderful results by using a pyrethrum soap, 4 ounces to 5 gallons, and adding $1\frac{1}{2}$ teaspoonfuls of Black Leaf 40 to each gallon. This kills not only by asphyxiation, but also by the toxic action of the pyrethrum.

Another control of thrips, leaf-hoppers and aphids is dusting with a good nicotine dust. Apply in sunshine with the temperature above 70 degrees at weekly intervals as a preventative from the time the plants are set or roots start to grow, and if any should appear then about every four days until they are controlled. For small plants a paper funnel on the end of the duster spout, held over the plant for about one minute when dusting, will increase the kill materially.

During the windy weather when dust cannot be applied to advantage, overhead sprinklers used during the heat of the day will control red spider and check the leaf-hoppers and thrips. See "Irrigation."

By dusting or spraying before the presence of insects, it is doubtful if you will see any. As it is difficult to procure nicotine dust and pyrethrum soap in most localities, we are listing them under "Dahlia Growers' Supplies."

RED SPIDER in late years has caused considerable damage to dahlias. This insect is barely discernible with the naked eye and works with such rapidity that you may have a row of dahlias today and within a few days or a week all the lower leaves will be as brown as cured tobacco leaves. There will be a very fine white web in evidence on the under side of the leaf. These insects multiply very fast in dry, hot weather, do not like strong air currents, and cannot stand cold water, especially applied with pressure. Syringing or spraying will help in their control. A spray of one level teaspoon of Colloidal Sulphur to one quart of water will be found very effective, and two sprays two or three days apart should clean up the infestation entirely.

CUT WORMS are easily controlled by scattering about a teaspoonful of poison bran bait around the plant (but not touching it) as soon as plants are set or shoots appear from roots. The early evening is the best time to apply it.

2 tablespoonfuls of molasses or brown sugar (dissolved).

1 level teaspoonful paris green mixed in.

Juice of an orange or equivalent in water.

1 quart of bran or enough to make a reasonably dry mash.

STEM BORER. This black-and-white-striped worm when small enters the stem just above the ground and usually works upward. It will be noticed in the early season by the shortening of the internodes and later on by wilting. When noticed early, cut the plant off near the ground and get the borer with your knife. If the borer is below where you want to cut back, use a hooked wire from the top. A plant cut back not later than July 15th should be in full bloom early in September. Wax or plaster paris may be used to close up top of plant after borer is out so water will not get in and rot the plant.

Should a plant be too large to cut back when borer is discovered, use pyrethrum soap at strength of $2\frac{1}{2}$ ounces to gallon and inject with ear syringe. This will kill the borer or drive it out. Drain stalk out by slitting at the bottom to prevent stem rot.



STUNT. In our twenty-seven years with dahlias, we have dug and destroyed all unhealthy stock, and the results are most gratifying. This is properly called rogueing. As there are a number of reasons why a plant should stunt, it is hard to tell the exact cause. However, we do know that rogueing is the only practical way of eradication, and believe some of the causes of stunt may be attributed to one or more of the following conditions:

First: From lowered vitality as a result of poor culture, lack of cultivation, etc., or forcing the stock with manure and water the previous season.

Second: The ravages of attacking insects, thrips, leaf-hoppers, red spiders, stem borers, etc.

Third: The rotting of the feed roots caused by too much water, where drainage is poor, or water in the hollow part of the stem.

Regardless of cause, all stunt should be dug out and destroyed. Our many years of this practice leaves us less than 1 per cent to dig annually on most varieties.

MILDEW. Gray spots on the leaves sometimes covering the entire leaf are the result of the growth of fungus spores known as Mildew. This is a result of a condition—lowered vitality—caused by lack of or an oversupply of water, planting too close without proper air circulation, or extremes. These adverse growing conditions are conducive to Mildew.

Spray with plain Bordeaux Mixture as prescribed on package once a week, preferably before the spots appear.

CUT FLOWERS

Dahlias should be cut in the evening or early morning, removing the lower leaves and all of the buds of the large varieties, if not disbudded. Immediately put in water in a cool dark place to freshen for a few hours.

Hot Water Treatment—Cut and freshen as above, then put stems in 1 inch of water, almost boiling, for 1 to 2 minutes. Then place in deep cold water to cool. Flowers are then ready to ship by packing in a strong corrugated box lined with tissue paper. Fasten stems down by nailing a wooden strip in the center of the box or by tying down through the bottom. Flowers packed snugly will carry better than when packed loose and allowed to batter.

Flowers when wilted can be freshened by cutting end of stem and placing in hot water as above. If necessary to completely freshen flower, repeat this operation but cut off discolored end of stem before again placing in hot water.

The hot water treatment will do wonders in making your exhibition blooms keep fresh after staging, but do not cut off the discolored end of stem unless you are again going to treat it.

The physical action of a cut flower is to take water up into the stem which evaporates through the flower and foliage. The slower this action of evaporation or transpiration takes place, the longer the life of the flower. From this you will see that buds and foliage will shorten the life of your flower. Also avoid placing cut flowers in a draft.

DIGGING and STORING

After the first killing frost, cut off the tops at the ground and allow a few days for the stalks to bleed out before digging. Where roots are planted deep, some of the top soil can be removed before digging. Care should be exercised so that the necks of the tuberous roots will not be broken. Loosen the roots by prying with a garden fork thrust in the ground about a foot from the crown, preferably all the way around, before attempting to remove clump. Two forks, if available, are even better. Cut the stalk back again to about 2 inches above the crown. Then by tapping on the cut stalk endwise with a light instrument, most of the dirt will free without injury to the necks of the roots. Dry in the sun a few hours, and your clumps are ready to store.

A root or white potato cellar is preferable with a temperature of 40 to 45 degrees. In this they need no protection or covering. The average house cellar is too dry and hot, and in such conditions the clumps should be placed in the coolest part and packed upside down in a tight box in practically dry sand, ashes, or peat moss.

When packing in dry material, such as peat moss, care should be exercised, first, not to allow clumps to sit around and shrivel before packing away, but pack away the same day as dug if you are using dry peat moss as it comes from the bale. Second, do not use more peat moss than necessary to just barely cover each layer of clumps before putting in the next layer. The reason for this precaution is that all root crops sweat when taken into storage. The purpose of the peat moss is to absorb this sweat and conserve it for later on when the roots need it. Therefore, too much peat moss will cause your roots to dry out.

After the roots are stored a month, it is well to look them over, trim out any portion showing rot and dip all the fresh cuts in equal parts of sulphur and ground gypsum, and pack them back again as before. Should the roots show signs of shriveling, place dampened peat moss over the top of the box to prevent further drying.

Dahlia roots air dried and so packed should keep well until spring with no further handling, providing they were grown properly, well ripened, and not frosted.

DIVIDING CLUMPS

Dahlia clumps can best be divided with the aid of double cutting pruning shears and a pruning knife. Broken necks and fibrous roots should first be removed as the eyes are on the crown and never on the root proper. Then proceed to divide with shears or knife. Care should be exercised to have a piece of crown with an eye on each one or two roots. Clumps should never be planted without dividing.

WHEN TO DIVIDE. For the amateur in this latitude, clumps are better not divided until early April when the eyes should appear if crowns have kept well up to this time. Clumps can be divided in January and February but on early dividing it is not advisable to cut apart to single root divisions, but rather divide a clump into two to four pieces, dipping cut portions as recommended above and repacking as before, changing moisture content to correct either drying out or too much moisture which may have started eyes developing too rapidly.



Dahliadel Gold

DAHLIADEL GOLD (Dahliadel 85E), FD, 1935, Bloom 11 x 5, Bush 4½ ft. This dahlia grows large and massive naturally. When heavily fed with nitrogen for exhibition or over-watered the flower is so heavy it may tip on its stem. However, when grown properly with plenty of phosphorus and potash and the nitrogen withheld produces perfect exhibition blooms on good stems held well out of the foliage. Bush growth is robust with dark leathery foliage. Flowers, as you will note, are beautiful in form and a pleasing color, deep golden yellow, suffused light coral red with darker shadings at center. Try this for the largest bloom class. We believe our warnings about over nitrogen feeding have been heeded as this variety is proving highly satisfactory and a great success as an exhibition dahlia.

Roots, \$2.50; Plants, \$1.25



FORMAL DECORATIVE DAHLIAS

COSSACK (Dahliadel 85C), Bloom 7 x 5, Bush 5 ft.

A fine commercial red that we have been using for a number of years. Good stems and centers full throughout the season. A beautiful deep cardinal that is almost the shade of Dwight W. Morrow. A favorite with the florists and fine root maker. .75

EDWARD T. RINDFLEISCH (Rindfleisch 82E), Bloom 9 x 5, Bush 4 1/2 ft. A bright scarlet. The

imposing appearance is due mainly to the large, broad petals of the bright flowers held well above the foliage on strong, straight stems. Free bloomer. .75

ELITE GLORY (Kennedy 83E), Bloom 10 x 4, Bush 4 1/2 ft. A dahlia that has had a long run of popu-

larity and is still good. Color, rich red. Blooms large, of good form and substance and held erect on strong stems. .50

FRED SPRINGER (Groll 83E), Bloom 6 x 3, Bush 2 1/2 ft. A Formal Decorative bedding variety with bright green, fern-like foliage which is very striking against the large scarlet blooms. This variety is a dwarf grower beautiful for hedge effects or bedding, with stems too short for cutting.

Roots, .50; Plants, .50

JERSEY'S BEACON (Waite 84E), Bloom 9 x 4, Bush 4 1/2 ft. Still the most spectacular of the Jersey family. Color, bright scarlet with a buff reflex, giving a two-tone effect. A free, early bloomer of massive proportions with sturdy stems. .35

MONMOUTH CHAMPION (Kemp 85E), Bloom 11 x 4, Bush 5 1/2 ft. Popularity seems to stay with this variety. A vigorous grower, producing beautiful exhibition blooms of brilliant scarlet orange. Perfect stems and insect-resistant foliage. Still a consistent prize winner. Roots, .50; Plants, .50

OAKLEIGH MONARCH (Oakleigh 85), Bloom 9 x 5, Bush 5 ft. Although we have a number of good reds most of them are Informal and this outstanding red has made a name for itself in the Formal Decorative class on the show table. Deep, full centered blooms on strong, erect stems. Splendid keeping qualities. Habit of growth is very vigorous and rugged. Color, is crimson carmine which does not fade. Certified at East Lansing. Plants, \$2.50

OMAR KHAYYAM (Stout-Dahliadel 83C 85E), Bloom 10 x 5, Bush 6 ft. This much admired dahlia received high score at Storrs in 1930. The unusual coloring is a Chinese red at the base of the petals, shading to a bright orange and tipped lighter, making a wonderful soft color effect. It is a tall, healthy grower, with strong foliage and a good root maker. Roots, .50; Plants, .50

PHANTOM (Berger 85E), Bloom 9 x 5, Bush 5 ft. Long broad petals of deep violet purple with distinct white tips. Good bi-colors are few and far between and this one bids fair to fit into many gardens and show room classes. Bush is vigorous and stems are strong. Roots, \$2.00; Plants, \$1.00



Elite Sport

ELITE SPORT (Dahliadel 84E), 1935, Bloom 9 x 5, Bush 4 1/2 ft. A positive sport of Elite Glory, inheriting such good qualities as rugged growth with insect-resistant foliage, strong stems, and the bloom an exact counterpart, except in color, which is a soft buff, striped and speckled crimson. This unique coloring does not fade or burn in the sun. Sports usually revert to the original variety to a more or less degree. True to tradition, this sport occasionally throws a solid red bloom with the rest of the bush blooming as described above.

Roots, \$1.00; Plants, .50

QUEEN OF THE GARDEN BEAUTIFUL (Burns 83E), Bloom 10 x 4, Bush 4 1/2 ft. This distinctive and interesting dahlia coming from San Quentin Prison is an immense primrose yellow, facing upward on strong stems. An occasional bloom has a green center. .50

SULTAN OF HILLCREST (Scott 83E), Bloom 11 x 6, Bush 3 ft. The unique form with the petals recurving to the stem attracts one's attention. Huge blooms of lemon yellow with reverse of rosy pink on strong stems, giving an unusual color effect. A dahlia for the largest bloom class. Certified at Storrs. Roots, \$2.00; Plants, \$1.00



BALTIMORE DAHLIA SHOW

The Baltimore Dahlia Society held their annual show again in the Odd Fellows' Temple with the quality of blooms up to their usual high standards, and all types well represented. This display is made up without any real trade exhibits and they were far enough inland to miss most of the coastal storm which effected a number of our eastern shows. Their show was considered by the Judges next to the New York Show from a competitive standpoint.



Democracy

DEMOCRACY (Wiegand-Dahliadel 85E), **FD**, 1935, **Bloom** 9 x 6, **Bush** 4 ft. This variety can be grown for exhibition on the central branches of the bush and as a cut flower on the side or lateral branches. Strange as it may seem, the central branches produce blooms facing nearly upward almost as deep as they are in diameter with the petals opening back to the stem. In the garden, this variety resembles huge chrysanthemums at a little distance. The lateral blooms face the side and might be called yellow Jersey's Beauties as they are a deep primrose yellow shaded golden yellow. Strong straight stems, full centers, healthy foliage, an early and profuse-bloomer. These qualities along with a certificate at Storrs, 1934, should sufficiently recommend this dahlia.

Roots, \$2.50; Plants, \$1.25

FORMAL DECORATIVE
DAHLIAS—Continued

DR. JOHN CARMAN (Dixon 83E), Bloom 10 x 5, Bush 5 ft. A dahlia you will admire, as it is large and attractive, but not coarse. Color, Tyrian rose, shaded silver. Greatly improved if grown in partial shade, as this softens the coloring. A dahlia of exceptional growing and blooming qualities suitable for landscape work, and a good keeper when cut. .50

EMANUEL'S BEAUTY (Mendoza 81E), Bloom 9 x 4, Bush 5 ft. The evenly formed, large, bold flowers are held erect on strong stems. Color is a pleasing combination of lemon yellow with scarlet suffusion. Bushes strong and rugged. .50

FRANCIS LARocca (Rindfleisch 84C), Bloom 6 x 3, Bush 4 ft. Pale sulphur yellow, very satisfactory as a cut flower. Blooms profusely on good stems. Vigorous grower. .35

FRAZIER (Peacock 85E), Bloom 8 x 4, Bush 3½ ft. The bushes of this variety are rather dwarfed, but it is a free, continuous bloomer on rigid stems. The flowers are facing to upright. Color a rich glowing Oriental red, tipped yellow, with yellow at the base of petals. It is an exceptionally good keeper when cut, and is very showy. Plants, .50

GRAF ZEPPELIN (Nolet 85C 84E), Bloom 8 x 4, Bush 7 ft. This dahlia will stand out as a sentinel in your garden as it is the strongest and tallest growing dahlia we offer with the exception of Jack's Bean Stalk. The large white flowers are regular in formation with centers full. Stems are very long and erect. Roots, .50; Plants, .50

JANE DIXON (F. & M. 85E), Bloom 8 x 4½, Bush 4½ ft. The contrast of large, high centered blooms of soft apricot buff, edged rose, on the massive, dark green foliage make an attractive picture in the garden or when cut. Stems are strong and erect. \$1.00

JANE HALL (Peacock 83C), Bloom 6 x 4, Bush 4½ ft. A full, high-centered Decorative with petals reflexing to stem and keeping well when cut. Blooms well above the foliage on stout stems. Color, buff yellow with bronzy suffusion. .25

MARYLAND GLORY (Maryland D. G. 84C 85E), Bloom 9 x 5, Bush 4 ft. A most satisfactory bloomer from early to late. Perfect blooms of Tyrian rose shaded crimson carmine are borne in profusion on good stems. An unusually distinctive color and popular variety. A fine strong grower. Roots, \$1.00; Plants, .50

MONA GOLD (Parker Hume D. G. 85C 85E), 1935, Bloom 9 x 6, Bush 5 ft. Apricot yellow lightly suffused soft peach red with a general appearance of old gold. This variety holds a wonderful form from early in the season until frost. Good keeping qualities, a profuse bloomer, excellent stems, and a strong grower make it useful as a cut flower as well as for exhibition. Certified at East Lansing, 1934. Roots, \$2.50; Plants, \$1.25



Sanhican's Cameo

SANHICAN'S CAMEO (F. & M. 85E), Bloom 10 x 5, Bush 5 ft. A dahlia sufficiently different in coloring to justify its presence. Color, coral-rose shaded mallow pink on reverse, with golden sheen on face of petals, glowing beautifully under artificial light. Bush sturdy, stems long and erect. Blooms keep well for cutting and exhibiting.

Roots, \$1.00; Plants, .50

TREASURE ISLAND (Dahliadel 85C 86E), Bloom 10 x 5, Bush 5 ft. One of our brightest autumn shade dahlias. Color, bright apricot with gold and rose suffusion and shadings. Bush growth is strong, branches readily from the ground, giving four-foot stems. It has been a wonderful success especially in a dry season which this variety withstands. Disbud for first eight blooms according to Drawing Y, for the balance of the season according to Drawing X. This will bring the bush up to about five feet and the side branches will come to about the same height. This dahlia is a real winner on the exhibition table, especially in the Formal Decorative classes. Very desirable when not disbudded for a mass of color in landscape work. Roots, .50; Plants, .50

W. H. T. (McCarrol-Schling 84E), Bloom 9 x 5, Bush 6 ft. This pleasing variety is a shade not common in big dahlias, rich old rose or begonia rose with mauve shadings on the reverse of petals. It is a tall robust grower with strong stems. Petals are thick and of good substance, opening back to the stem, which is a very desirable feature in a dahlia of this type. Roots, .50; Plants, .50

CAMDEN DAHLIA SOCIETY

Camden Dahlia and Horticultural Society is noted for its Seedling and Arrangement Classes and surely had the finest Arrangement Classes of any show that I had the pleasure of judging this fall. The whole show was well staged and the quality of blooms very good. This Society will hold their 1937 exhibit on October 1 and October 2 and we hope all who live in this vicinity will participate.



Ballego's Glory

FORMAL DECORATIVE DAHLIAS—Continued

BALLEGO'S GLORY (Ballego 84E 85C), Bloom 6 1/2 x 4, Bush 3 1/2 ft. A much admired variety for its distinctive color, which is mahogany red with gold bordered petals. The shadings vary with weather conditions. Bush, medium height of rather compact growth. Received First Class Certificate and Award of Merit at Haarlem, Holland. Early in bloom and good to the last. **Roots, .50; Plants, .50**

ALLEN A (Angel-Fraser 83E), Bloom 9 x 5, Bush 5 ft. A very pretty dahlia of ivory white with lilac suffusion and reverse. A beautiful variety that grows to exhibition size on good stems. A robust grower. **Roots, \$1.50; Plants, .75**

FORT WASHINGTON (Rindfleisch-Jost 82E), Bloom 10 x 4, Bush 7 ft. The bushes as well as the flowers are giants with long, strong stems. A dark amaranth red which does not fade. The long run of popularity is certainly a tribute to this variety. **Roots, .50; Plants, .50**

GOLDEN LIGHT (Alling 84), 1935 Bloom 8 x 4, Bush 6 ft. A very striking color combination of canary yellow edged and marked carmine. Blooms are large and uniform on erect stems. Reminds one of a Decorative Gold Medal. Bushes strong and easy to grow. **Roots, \$1.50; Plants, .75**

GRACE (Bibbs 85C), Bloom 6 x 2 1/2, Bush 6 ft. This dahlia will remind you a lot of Jersey's Beauty in form, not quite as deep a flower, but will give you twice as many blooms. It might be called a blooming fool, from early to late with centers perfectly full, stems long and stiff, but not clumsy. Color, pure white tipped and suffused lavender. As a cut flower it is very profitable. **.35**

DAHLIADEL NURSERIES



IDA PERKINS (Montrose 80C 82E), Bloom 8 x 4, Bush 5 1/2 ft. One of our good all-around white dahlias, of fine form, with full centers. A good keeper when cut. Blooms early and continuously. Dark leathery foliage. **.50**

KATHERINE COLE (McDowell-Waite 83E), Bloom 7 x 3 1/2, Bush 5 ft. A free-blooming variety with healthy foliage. Stems are long and strong. Cream, suffused light pink, and tipped lilac rose. **.50**

MR. C. H. DRESSELHUYS (S. & G. 83C), Bloom 6 x 2 1/2, Bush 5 ft. Popular with the commercial grower because of its productiveness and keeping qualities. Medium sized blooms on long stems. Soft rose pink with lighter shadings. **.25**

MRS. I. DE VER WARNER (Marean 80E), Bloom 10 x 3, Bush 6 ft. The forerunner and parent of a number of our popular American dahlias which are characterized by sturdy, open-growing bushes, insect-resistant foliage, strong stems and full centered blooms. Color, bright lilac rose. **.25**

ROCKLEY MOON (Taylor-Ruschmohr 84E), 1935, Bloom 9 x 4, Bush 6 ft. This light lemon yellow dahlia shades darker in the center and shows a trace of purple tint on the back. It is a sturdy grower, producing large blooms on strong stems. This variety was judged the best dahlia in the West Virginia Show, 1934, and received a certificate of Merit in Storrs, Conn., 1933, and East Lansing, Michigan, 1934. **Roots, \$1.00; Plants, .50**

SNOWCAP (Fraser 85C), Bloom 6 x 3, Bush 5 ft. A very fine white with just a little cream cast. Centers are always full and deep. Strong, erect stems. Bush is good with leathery, insect-resistant foliage. This dahlia is fine for cutting and shipping. **Roots, .75; Plants, .50**

THOMAS A. EDISON (Dahliadel 85E), Bloom 9 x 4, Bush 4 ft. This gorgeous dahlia is still a popular winner at the shows. In the garden it is impressive with its staghorn petal formation, the large, dark green, insect-resistant foliage, the cane-stiff stems, the thrifty growth, and greatest of all, its color. It may be described as a royal purple or petunia violet. A. D. S. Cert., Award of Merit, Holland. This dahlia is a slow grower and will, therefore, stand fairly good culture with safety, and should not be topped back, but handled according to Drawing Z. We are confident it will please you. **Roots, .75; Plants, .50**

WHITE PROLIFIC (E. & M. Williams-Dahliadel 85C), 1936, Bloom 6 x 4, Bush 4 1/2 ft. There are very few satisfactory commercial white dahlias. This variety is early, branches low and readily, grows quick giving a heavy crop of blooms which are of good form with full centers and tight backs. Stems are tough and erect. The petals are serrated which add to its attractiveness. Grown commercially or in the garden following drawing X will give the best results. **Roots, \$1.50; Plants, .75**

FORMAL DECORATIVE
DAHLIAS—Continued

BUCKEYE BRIDE (Roberts-Peck 84C), Bloom 7 x 5, Bush 6 ft. This popular flower is still one of the favorites. The bush is a tall, rugged grower. It is an early and continuous bloomer on long, erect stems. Color, a distinctive even shade of salmon pink. Plants, .50

CASPER G. WARE (Bowen-Dahliadel 80C), Bloom 8 x 4, Bush 4 ft. Grown without disbudding, you have a mass of color throughout the season. For cutting, prune out, leaving six to eight shoots; and by side pruning you will have blooms up to 9 inches in diameter, on good stems. Color is a pleasing shade of bright, silvery violet rose. .35

CAVALCADE (Groll-Dahliadel 85C 85E), 1935, Bloom 8 x 5, Bush 5½ ft. A fine variety with a real future. In form, this dahlia resembles Jersey's Beauty and its stems are almost identical. It is, however, larger in diameter and two or three shades darker. Picture basket arrangements for the show room, home decoration, or florists' use, with Kentucky for a salmon pink, Jersey's Beauty for a soft pink, and Cavalcade for a rich deep rose with tones of rosy magenta. We welcome another companion in type but different in color. Won many prizes this season, and is a good root maker.

Roots, \$2.00; Plants, \$1.00

JACK'S BEAN STALK (Dahliadel), 1934, Bloom 6 x 5, Bush 10 ft. This freak reminds one of Jersey's Beauty in form and color as it is a bright, pure rose pink. Blooms complete back to stem even more than Jersey's Beauty, making a ball. If you have a building you wish to screen or if you want to cut your blooms from a second story window, this dahlia can easily be grown 10 ft. and probably more with a little feeding. Fool your friends and let them guess how you ever grew Jersey's Beauty so tall.

Roots, .75; Plants, .50

JERSEY'S BEAUTY (Waite 86C 85E), Bloom 6 x 4, Bush 6½ ft. Probably the most popular cut flower variety grown. The ideal pink for exhibition or florists' use. Large, deep flowers of perfect form on long stems. Free, early bloomer, with exceptional keeping qualities.

Roots, .35; Plants, .35

JERSEY'S WHITE BEAUTY (Waite 84), 1936, Bloom 6 x 3, Bush 5 ft. The nearest in white to Jersey's Beauty. It has wonderful keeping qualities and stem, and is quite similar in form with good centers and tight petals. Early and free blooming.

Roots, \$5.00; Plants, \$2.50

KENTUCKY (Castlewood 86C 84E), Bloom 7 x 5, Bush 6 ft. This dahlia has the same ideal characteristics as Jersey's Beauty, of which it is a sport, and apparently a stronger grower. Its color is a tone of Jersey's Beauty pink, with a lot of yellow and gold blended in, making it more of a salmon pink. Good for cutting. .35

MARY ELLEN (Loller 84E), Bloom 11 x 5, Bush 5½ ft. Described as a seedling of Mrs. I. de Ver Warner, with a similar habit of growth, which is a good recommendation. The color is a violet rose, with considerably more pink than lavender. Flowers attain wonderful exhibition size.

Roots, .75; Plants, .50



The World

THE WORLD (Dahliadel 85E), Bloom 9 x 4½, Bush 5 ft. The coloring is an unusually rich, deep, rosy magenta, overlaid garnet, with silver shadings on edges of petals. Perfect, full centers. Stems are strong and erect. Foliage is thick and leathery. A good sturdy grower. This dahlia has good substance, but it is best not to let it bloom in the extreme hot weather, but cut it back for blooms in cool weather, when the color will be as described. .50

MEADOWBROOK (Ruschmohr 85E), Bloom 10 x 4, Bush 6 ft. An exceptionally strong and rugged grower with heavy foliage. Stems very long and always erect, holding the flower well above the bush. Blooms are imposing and of regular formation. Color is lilac veined rosy magenta giving a general tone of mallow purple.

Roots, .75; Plants, .50

OLD HICKORY (Dahliadel 84E), Bloom 7 x 5, Bush 3½ ft. The dahlia that is easy to grow. A rough-and-ready, rugged plant, semi-dwarf with each branch bearing a large bloom which is almost a ball with centers always full. Stems are ideal for basket arrangement, and the blooms are wonderful keepers. Color, madder red with apricot suffusion. .50

ORCHID MOONLIGHT (Greenough-Ruschmohr 85E) 1936, Bloom 9 x 6, Bush 4½ ft. Perfect centers and good form of deep violet rose with a touch of rich yellow at the base of the petals. Splendid stems, a good grower with insect-resistant foliage. Certified at Storrs, 1934. Flowering habit prolific.

Roots, \$5.00; Plants, \$2.50

SALEM PRIDE (Sickler 82E), Bloom 10 x 5, Bush 4 ft. A rather spectacular dahlia. Color, reddish violet, suffused and lightly streaked white. Blooms are large and deep on good stems when disbudded. Bush rather compact and of nice growth for the front of your garden. .50

VARIETIES ON THIS PAGE ARE THE SAME
FORM AS ILLUSTRATION



Mary Helen

BALL DAHLIAS

CAROLYN BALL (Berwick D. G. 84E), Bloom 5 1/2 x 4, Bush 3 ft. Large, deep evenly formed flowers on strong, erect stems. Described as a Neyron rose with mauve shadings. Unusual and appealing. A good pink to add to your collection of ball dahlias for exhibition. **Roots, .75; Plants, .50**

DRAUDE (Draude 80E), Bloom 5 x 4, Bush 4 1/2 ft. An exceptionally good dark red of perfect form. Bush rather dwarf with nodes close. Stems are normally erect and of good length when disbudded. **.25**

GOLD MEDAL (Keynes 85E), Bloom 4 1/2 x 3, Bush 4 1/2 ft. Sunflower yellow tipped and suffused Oriental red; very striking and popular both in the cut flower market and on the exhibition table. **Plants, .50**

JAYSEEDIE (Draude 85E), Bloom 4 1/2 x 3 1/2, Bush 4 1/2 ft. A beautiful ball-shaped dahlia of soft red-dish violet striped and speckled rich red. Bush compact, but fine stems can be produced by disbudding. A winner on the exhibition table. **Roots, .75; Plants, .50**

MARY HELEN (Alling 85E), Bloom 4 1/2 x 3 1/2, Bush 5 ft. A welcome addition in this type. Color, deep canary yellow. The plants are vigorous and produce quantities of well-formed blooms on good stems. Very desirable and a winner on the exhibition table. **Roots, .50; Plants, .50**

MRS. C. D. ANDERSON (85E), Bloom 5 x 3 1/2, Bush 4 1/2 ft. A rosy magenta ball of good size with strong stems. Bush growth is strong and rugged. Its perfect form makes it a winner on the exhibition table. **.35**

DAHLIADEL NURSERIES



SUPT. AMHRYN, (85E), Bush 4 1/2 ft. One of the most perfect of its type for exhibiting. It is a beautiful Tyrian pink that has been very popular wherever displayed. A strong grower with long erect stems and healthy foliage. However, we have been several years building our stock of this variety.

Plants, .50

PEONY DAHLIAS

MRS. FRANCES E. BULLARD (Broomall 82E), Bloom 9 x 4, Bush 4 1/2 ft. The petals are long, pointed and gracefully twisted, forming a very distinct flower of a clear silvery or pastel pink, shading lighter at the center. Early blooms may have full centers. **Roots, .75; Plants, .50**

THE U. S. A. (Stillman 78E), Bloom 8 x 4, Bush 5 ft. An old dahlia but a good seller. Color, a vivid orange. An early, free bloomer. **Plants, .50**

DAHLIA SEED

Sow in flats or frames in early spring in light soil, cover the seed not more than one-fourth inch about the same as you would tomatoes, when first pair of leaves are well developed transplant into small pots or flats and grow in cool temperature until they can be planted in the garden. Should they get too large pinch back and shift to larger pots or replant in flats giving them more room.

DAHLIA SEEDLINGS in general do not come true to their parentage, but do usually show some resemblance either in form, color or bush growth. Do not expect to grow seedlings of a named variety and produce the same variety.

CACTUS SEED. We are offering Jersey grown seed saved from the best Cactus varieties in our trial patch. This seed should give you a good percentage of Cactus blooms. **35 Seed, \$1.00; 100 Seed, \$2.50**

COLLARETTE SEED (mixed) saved from our Collarette varieties should produce mostly Collarettes and Singles. **35 Seed, .50; 100 Seed, \$1.00**

MINIATURE DAHLIADEL SPECIAL SEED. This is the finest strain of seed we have ever grown, as it produces a large percentage of full-centered flowers and holds consistently to the miniature types. **25 Seed, \$1.00**

MINIATURE DOUBLE MIXED SEED. This mixture is made up of seed of named miniature varieties. **25 Seed, .50**

ORCHID FLOWERING SEED produces orchid flowering dahlias consistently for us, with some type and considerable color variations. **35 Seed, .50; 100 Seed, \$1.00**

POMPON SEED saved from our best pompon varieties. This will give you a large percentage of pompon dahlias. **35 Seed, .40**

SINGLE SEED will produce a great number of seedlings true to type and can be used very satisfactorily for a mass of mixed colors. They should be planted close for this effect. **50 Seed, .40**



Dahliadel Twinkle

ORCHID FLOWERING DAHLIAS

This type of dahlia is one of the most interesting and is popular for landscape effects, gardens, table arrangements and dainty decorations. The bushes are compact, free branching, and exceedingly prolific bloomers. Most of the flowers are 4 to 5 inches in diameter, and bushes are 2 to 3 feet in height. They do wonderfully well when pinched out for landscape effect, but should not be thinned out nor disbudded. If orchid flowering or single dahlias are cut before the pollen shows, they will hold their petals and keep for days.

DAHLIADEL INTRODUCTIONS

DAHLIADEL TWINKLE (Dahliadel 85), Bloom 4 in., Bush 2½ ft. The sensational Orchid Flowering variety that is fast growing in popularity and has already won a number of prizes. Blooms are not only perfect in form and graceful, but a beautiful combination of white suffused violet rose with distinct Tyrian rose mottlings on the reverse of the petals which roll forward and show on the face of the flower. Very striking in color effect for arrangements and useful as the flower has a light airy appearance both in color and form. Bush is rather dwarf, making it desirable in border planting.

Roots, \$1.50; Plants, .50

DAHLIADEL WHISPER (Dahliadel 1937), Page 1

BUTTERCUP (Dahliadel 88), Bloom 4 inches, Bush 2 ft. A fine addition to the orchid family and ideal for the garden or landscape as the bush is a healthy grower, low branching, and full of perfectly formed, graceful flowers from early in July until frost. Stems are strong and erect and flowers will keep

for days when used in arrangements for which they are very artistic and dainty. Color, light buttercup or lemon yellow.

Roots, .50; Plants, .35

LONE STAR (Dahliadel 1937),

Page 1

VESPER (Dahliadel 86), 1935, Bloom 4½ to 5, Bush 3 ft. Color is white heavily suffused Tyrian rose. The stems are long and erect and the bush compact. Very showy for landscape work and arrangements. An early and a profuse bloomer.

Roots, .50; Plants, .35

GENERAL COLLECTION

BEAVER. Deep crimson carmine with white shadings on face of petals.

CITRONELLA. Clear canary yellow ground with crimson carmine reverse. A charming flower.

EVEREST. Pure white throughout. Long, graceful, recurving florets. Good size.

GOLDFINCH. Not a profuse bloomer, but very showy. Yellow ground, shaded red, with crimson reverse.

LEOPARD. Yellowish ground, with crimson reverse spotted lighter.

MAVIS. Light lilac ground, with deep, reddish purple reverse.

POLLY. Sunflower yellow ground. Carmine lake reverse.

STARFISH. Pale lilac ground, suffused Tyrian rose, with deep rosy magenta reverse.

Roots, .35

1 Root each of the above General Collection

8 varieties . . \$2.00



PINK DAISY

CULTURE—Miniature dahlias need no disbudding, very little, if any, pruning and can be planted closer than the larger varieties for landscaping. They should not be heavily fertilized or overwatered, but grown rather poor the same as pompons.

These miniature types are especially adaptable to use in the home, and are attractive in landscape work such as borders, hedges, or for mass plantings, and a few of the real dwarf varieties are suitable and effective in rock gardens.



MINIATURE PEONY DAHLIAS

BABY ROYAL (West 86S), Bloom 3 x 2, Bush 3 ft. A gem for any garden of salmon pink shaded apricot with yellow at base of petal. Winner of several awards as best foreign dahlia. **Roots, .75; Plants, .50**

BISHOP OF LANDAFF (86S), M. P., Bloom 3 x 1 1/2, Bush 4 ft. This is an unusual and attractive flower, petals being bright scarlet with a center of deep garnet. Foliage is lacy of a reddish bronze color. Wonderful for landscape effects and home arrangements. Very popular as a cut flower.

Roots, .50; Plants, .50

PINK DAISY (Dahliadel 85S), M P, Bloom 3 ins., Bush 2 1/2 to 3 ft. One of the prettiest and most useful small dahlias. For landscape or hedge effect this variety cannot be surpassed. Bushes are very broad across with literally hundreds of blooms at one time and blooms incessantly whether seed pods are picked or not. For arrangements stems are slender, yet stiff, and needs no disbudding. Bright rose pink, shading lighter at center of flower. There are two or three rows of nearly straight petals around a well proportioned yellow center reminding one of a double pink daisy.

Roots, \$1.00; Plants, .50

PINK PEARL, M. P., (85S), Bloom 2 1/2, Bush 1 1/2 ft. Lovely rose pink, showing a golden eye. Petals curl and twist like an aster. The low compact bushes make it very desirable in landscape planting, and useful for cutting and arrangements.

Roots, .75; Plants, .50



RAIDER, M. P., (83S), Bloom 3 x 1 1/2, Bush 2 1/2 ft. Soft violet rose suffused yellow at base of petals, which are pointed and twist and curl in a charming manner. A robust grower. Stems are graceful. **.35**

RHODA, M. P., (83S), Bloom 3 1/2, Bush 2 ft. Buttercup yellow shaded russet orange. Useful for low effects in landscape planting. Continuous bloomer throughout the season. **.35**

TINY, M. P., (85S), Bloom 3, Bush 1 1/2 ft. The dwarf symmetrical bush and free blooming qualities, along with its bright coloring and artistic and airy formation, make it one of the most desirable for low landscape effects. Color, yellow base suffused apricot. Beautiful for arrangements, and fine for cutting. **Roots, .75; Plants, .50**

AMERICAN DAHLIA SOCIETY CLASSIFICATION OF DAHLIAS

DEFINITIONS

Involute, turned inward, forward, or towards the face of the ray.

Revolute, turned outward, backwards, or towards the back of the ray.

Diameter, meaning maximum width, without regard to depth.

A. Large. Flowers more than seven inches in diameter.

B. Medium. Flowers three and one-half to seven inches in diameter.

CLASS I. Single Dahlias: Open-centered flowers, with only one row of ray florets, with the margins flat or nearly so, regardless of number of florets. For example, Newport Wonder, Scarlet Century.

B. Mignon. The plants do not exceed about eighteen inches in height. For example, Coltness Gem.

CLASS II. Orchid-flowering Dahlias: Flowers as in Single Dahlias except that the rays are more or less tubular by the turning inward of their margins. For example, Everest, Leopard, Buttercup.

CLASS III. Anemone Dahlias: Open-centered flowers, with only one row of ray florets, regardless of form or number of the florets, with the tubular disc florets elongated, forming a pin-cushion effect. For example, Ada Finch.

CLASS IV. Collarete Dahlias: Open-centered flowers with only one row of ray florets, with the addition of one or more rows of petaloids, usually of a different color, forming a collar around the disc. For example, Erica, Sofa, Géant de Lyon, San Mateo Star.

CLASS V. Peony Dahlias: Open-centered flowers with two and not more than five rows of ray florets, regardless of form or number of florets, with or without the addition of smaller curled or twisted floral rays around the disc. For example, Dahliadel Glory, Susan Coe. **A. Large B. Medium.**

CLASS VI. Star Dahlias: Open-centered flowers, usually two to five inches in diameter, with two to five rows of somewhat pointed rays, with more or less revolute margins. For example, Buckland Star, Leith Hill.

CLASS VII. Incurved Cactus Dahlias: Fully double flowers, with the margins of the majority of the floral rays revolute for one-half or more of their length and the rays tending to curve toward the center of the flower. For example, F. W. Fellows, American Triumph, and Lilac Glory. **A. Large. B. Medium.**

CLASS VIII. Straight Cactus Dahlias: Fully double flowers, with the margins of the majority of the floral rays revolute for one-half their length or more, the rays being straight or slightly recurved. For example, Ambassador, Miss Belgium, Golden Sonne. **A. Large. B. Medium.**

CLASS IX. Semi-cactus Dahlias: Fully double flowers, with the margins of the majority of the floral rays revolute for less than half their length and the rays broad below. For example, Satan, Amelia Earhart, Miss Elsie Jane. **A. Large. B. Medium.**



MINIATURE CACTUS and SEMI-CACTUS DAHLIAS

CERISE GEM (Fisher & Masson 84S), M S-C, Bloom 4 x 2, Bush 4 ft. Bright, cerise pink with gold at base of petals. A satisfactory bloomer similar to Chard's Vanity only larger and of a deeper tone. Certified at Storrs, 1935. **Roots, \$1.00; Plants, .50**

CHARD'S VANITY (Jarman 86S), M S-C, Bloom 3½ x 2, Bush 2½ ft. The prettiest of all pink Miniature Semi-Cactus so far offered. Color, clear soft rose pink. Bush growth good, stems long and erect. A very outstanding and desirable variety. **Plants, .75**

COMRADE (83S), Bloom 4 x 1½, Bush 4½ ft. A pleasing garden variety of a delicate violet rose with flesh shadings supplying a neutral tone suitable for arrangements with brighter colors. Low branching habit with good stems and very prolific. **.35**

DAHLIADEL JOY (Dahliadel 85S), 1935, Bloom 3½ x 2½, Bush 3½ ft. One of the most attractive small dahlias we grew in 1934. It is artistic and uniform, and blooms profusely on long stems without any disbudding. In fact, with disbudding this dahlia will grow to 5 inches or more. It is a wonderful keeper with perfect, full centers until frost. Color, a clear lemon yellow. Popular with florists. Certified at East Lansing, 1935. **Roots, \$1.00; Plants, .50**

GAILLARD (80S), Bloom 4 x 1, Bush 3 ft. This attractive bright red of perfect form was very popular in our gardens. Good stems, habit of growth and a compact bush. A red that will grace any garden. **.35**

KITTY BELLAIR (84S), Bloom 3½ x 1, Bush 4 ft. Its perfect form, free flowering and robust growing habits make this dahlia very desirable. Color is rich amaranth red. **.50**

LITTLE DREAM (Bruidegom 85S), MC, Bloom 3½ x 2, Bush 2½ ft. Outstanding and beautiful with its dense green, lacy foliage and blooms of clear pink with pure white centers, with the blooms so perfectly formed that it should be a winner on the exhibition table and a favorite with the florists. **Roots, \$1.00; Plants, .50**

NESTHAKCHEN (Engelhardt 83S), Bloom 4 x 2, Bush 2½ ft. Color, buff suffused soft lilac. An artistic Miniature where pastel shades are desired. Free flowering and good growing habits. **Roots, .75; Plants, .50**

SANHICAN'S SWEETHEART (F. & M. 85S), Bloom 3½ x 2, Bush 2 ft. An artistic and useful novelty. Color, ochreous buff, suffused rose red which is a fine companion for Baby Royal. Low growing bushes always covered with blooms. **Roots, .75; Plants, .50**

CLASSIFICATION OF DAHLIAS

(Continued from Page 36)

CLASS X. Formal Decorative Dahlias: Fully double flowers, with the margins of the floral rays slightly or not at all revolute, the rays generally broad, either pointed or rounded at tips, with outer rays tending to recurve and central rays tending to be cupped; all floral rays in a somewhat regular



Dahliadel Joy

arrangement to the extent of having four or more recognizable rows of rays surrounding the center. For example, Jersey's Beauty, Buckeye Bride, Sagamore, Golden Eclipse, Treasure Island, Dr. John H. Carman. **A. Large. B. Medium.**

CLASS XI. Informal Decorative Dahlias: Fully double flowers, with margins of floral rays slightly or not at all revolute, the rays generally long, twisted or pointed, and usually irregular in arrangement. For example, Fort Monmouth, Jane Cowl, Kathleen Norris, Lord of Autumn, Spotlight, Murphy's Masterpiece. **A. Large. B. Medium.**

CLASS XII. Ball Dahlias: Fully double flowers, ball-shaped or slightly flattened, floral rays in spiral arrangement, blunt or rounded at tips and quilled or with markedly involute margins, the flowers more than three and a half inches in diameter. For example, Mary Helen, Jayseedee, Supt. Amrhyn, Mrs. C. D. Anderson.

CLASS XIII. Miniature Dahlias: All Dahlias which normally produce flowers that do not exceed three and one-half inches in diameter, pompons excluded, to be classified according to the foregoing definitions. For example, Little Jewel, Miniature Formal Decorative; Rhoda, Miniature Informal Decorative; Bishop of Llandaff, Miniature Peony; Baby Royal, Miniature Semi-cactus; Teddy Johnson, Miniature Ball.

CLASS XIV. Pompon Dahlias: Having same characteristics as Ball Dahlias, but, for show purposes, not more than two inches in diameter. For example, Johnny, Nerissa, Little Edith, Bob White, Yellow Gem, Honey.

American Dahlia Society

OFFICIAL SCORE CARD

Designed by Warren W. Maytrott

NAME.....Type.....
Originator
Each column represents basic perfection. Deduct in each case for less than perfection.

Com- Small	Exhi- mercial	Landscape	CLASSIFICATION
.... 20.....	20.....	20.....	Color—Clean - Attractive - Useful Burns - Fades - Dull
..... 15.....	15.....	20.....	Form—Artistic - Uniform - True to type Ordinary - Deformed
..... 5.....	5.....	5.....	Distinctive in Form or Color
..... 0.....	0.....	10.....	Size x Diameter x Depth
..... 20.....	20.....	20.....	Stem—Strong - Erect - Long - Graceful Weak - Crooked neck - Crotch
..... 20.....	15.....	20.....	Foliage—Healthy - Leathery - Insect- resistant - Attractive - Weak
..... 10.....	15.....	5.....	Substance—Back good - Petals firm
..... 10.....	10.....	0.....	Floriferousness (Field judging)
..... [].....	[].....	[].....	Uniformity (Bench judging)
..... S.....	C.....	E.....	Total Score. Bush height.....Ft.
Insect damage			Color description



Rapture

MINIATURE INFORMAL DECORATIVE DAHLIAS

AGALIA (84S), Bloom $3\frac{1}{2} \times 1$, Bush 2 ft. Soft apricot with rosy scarlet shadings. Compact grower, making it desirable for border planting as well as cutting. Stems erect. Centers full. **.50**

GLORIOUS (West 84S), Bloom 3×2 , Bush 2 ft. This variety is a profuse bloomer but does best, however, in cool weather. The numerous petals are long and narrow. Color, scarlet red which holds good in the sun. **Plants, .50**

JEAN (Dahliadel 84S), Bloom $3\frac{1}{2} \times 2$, Bush $3\frac{1}{2}$ ft. Color apricot buff, suffused soft lilac rose. Bush strong, and a compact grower. A free, early bloomer, and very satisfactory. You can cut bouquets from one bush twice a week from the middle of August until frost. **Roots, .75; Plants, .50**

LEIDEN'S MINIATURE, Bloom 3×2 , Bush 2 ft. Reminds one of Baby Royal in form with more petals, but a soft rose red. Blooms held on thin erect stems. A very pleasing variety that made a better showing than Baby Royal when grown where insects were present and weather was dry and hot. **Plants, \$2.00**

RALEIGH (Draper-F. & M. 85S), 1936, Bloom $3\frac{1}{2} \times 2$, Bush 4 ft. Very desirable for baskets, exhibition and a fine commercial. Bushes are strong and robust, stems stiff and erect. Color, deep rose pink shaded salmon. One of the earliest and longest to bloom. Certified at Storrs. **Roots, \$1.00; Plants, .50**

RAPTURE (Dahliadel 86S), 1935, Bloom $3 \times 1\frac{1}{2}$, Bush $4\frac{1}{2}$ ft. A very artistic Informal Decorative which is a quick, robust grower with excellent stems, making each bush a bouquet of itself in the garden. When allowed to branch will produce almost hundreds of blooms of miniature size, but disbudded should produce blooms 5 inches. Keeps well when cut. Color, rose pink shading to sulphur yellow at center with a gold suffusion. Certified at Storrs and East Lansing, 1935, and was so marvelous in Georgia they report that this is the variety that makes the men like little dahlias. **Roots, \$1.00; Plants, .50**



PEACH BLUSH

MINIATURE FORMAL DECORATIVE DAHLIAS

BABY BEAUTY (Dahliadel 85S), 1934, Bloom $3\frac{1}{2} \times 2$, Bush $5\frac{1}{2}$ ft. As the name implies, this is a small Jersey's Beauty on strong, erect stems, possessing all the good qualities of the variety it so closely resembles with better branching habits. Color, violet rose, shaded bright rose pink. This dahlia will make a hit in any flower shop. **Roots, .75; Plants, .50**

BLUEBIRD (Peck 84S), Bloom $3\frac{1}{2} \times 2\frac{1}{2}$, Bush $3\frac{1}{2}$ ft. This dahlia is unique and different in its coloring, being the nearest to blue in the small dahlias. Color is bluish lavender. **Roots, .50; Plants, .50**

BUCKEYE BABY (Golden Rule 85S), 1936, Bloom $2\frac{1}{2} \times 2$, Bush $2\frac{1}{2}$ ft. This fine Miniature is really small and deep and while the bushes are dwarf, the stems are fine for cutting. Color, gold buff lightly shaded red on the reverse. **Plants, .75**

CAMELLIA (84S), Bloom 3×1 , Bush $2\frac{1}{2}$ ft. Bright orange flame; centers usually full. The brilliant color and good keeping qualities make this miniature popular. **.50**

CORONNE (83S), Bloom $3 \times 1\frac{1}{2}$, Bush 2 ft. This unique Miniature resembles a gardenia and is the best white so far on the market. Stems and foliage are excellent. **Plants, .50**

DOROTHY BRANT MILLER (Stevenson 85S), 1936. An improvement over Little Jewel which should be very favorably accepted as Little Jewel will not bloom well in heavy soil. This variety is uniform in size and color and is surely outstanding in its blooming and keeping qualities. **Plants, .50**

FAIRY (Dayton D. G. 85S), Bloom $3\frac{1}{2} \times 2\frac{1}{2}$, Bush 4 ft. Described as a miniature Jersey's Beauty but lighter in color. A violet rose shading mauve at tips. A very early and continuous bloomer that keeps wonderfully well when cut. **Roots, .75; Plants, .50**

GOLDINA (Schone 83S), Bloom 4×2 , Bush 3 ft. A fine, uniform variety for cutting. A beautiful mal-low pink with strong, erect stems. Bush is a good healthy grower. Good keeping qualities. **.50**



Baby Beauty, Kentucky Babe and Paddy

MINIATURE FORMAL DECORATIVE DAHLIAS—Cont'd

JERRY (Dahliadel 84S), 1934, Bloom $3\frac{1}{2} \times 2$, Bush $4\frac{1}{2}$ ft. Color, coral red, lightly suffused carmine. Bright and showy, and very effective in landscapes or arrangements with the autumn shades, but not very good with pinks. A strong grower, prolific, blooms early, and good until frost. .35

KENTUCKY BABE (Dahliadel 85S), 1934, Bloom 3×2 , Bush $5\frac{1}{2}$ ft. The resemblance of this dahlia to Kentucky prompted the name. One of the best of our Miniatures, and its wonderful commercial qualities already assure its popularity and desirability for use as a cut flower. Color, salmon suffused and edged old rose. Roots, .75; Plants, .50

LITTLE JEWEL (85S), Bloom 2×1 , Bush 3 ft. This is one of the original, full centered pink Miniatures. It blooms freely in light soil. We recommend using ashes when grown in heavy soil. .35

LITTLE NEMO (Chase 86S), Bloom 4×2 , Bush 4 ft. A striking crimson uniformly tipped white which is uncommon in bi-colors. Very pleasing and regular form but sometimes grows too large for the Miniature class. However, it is very popular wherever grown, as the blooms are very beautiful. Roots, \$1.00; Plants, .50

MIRTH (Nuneviller-Dahliadel 85S), 1935, Bloom 3×2 , Bush $4\frac{1}{2}$ ft. A lively orange scarlet of an even color that does not fade. A shade that appeals to the ladies. Normally, this flower grows small enough to keep well under the $3\frac{1}{2}$ -inch mark with centers always full. Bush is healthy and rugged, stems long and erect. This variety should become popular on the show table as it is always uniform in size, form and color. Certified at Storrs, 1935. Roots, \$1.00; Plants, .50

ORCHID LADY (Groll 85S), M FD, Bloom $3\frac{1}{2} \times 2\frac{1}{2}$, Bush 4 ft. This variety, like some of our own introductions, runs so close to four inches that it is almost too large for a miniature, especially on the exhibition table. For a garden dahlia it is always a mass of blooms and it is good for cutting and home decorations. Color, bright violet rose or light lilac. Certified at Storrs and East Lansing, 1935. Roots, \$1.00; Plants, .50

PADDY (Dahliadel 84S), Bloom $2\frac{1}{2} \times 1\frac{1}{2}$, Bush 3 ft. One of the most incessant blooming dahlias we grow. Bushes are literally covered with blooms from early season until frost with centers full to the end. Color, flesh ground, heavily suffused deep rose pink. No disbudding needed. .50



ROSE BEAUTY

PEACH BLUSH (Dahliadel 85S), M FD, Bloom $2 \times 1\frac{1}{2}$, Bush 18 in. Beautiful uniform blooms of rose pink with yellow at the base of the petals. Perfect centers until frost and it blooms incessantly. Stems are fine, making it useful for arrangements as well as attractive in the garden. Roots, \$1.50; Plants, .75

RED HEAD (Peck 86S), Bloom $3 \times 1\frac{1}{2}$, Bush 3 ft. A dahlia which is pleasing in appearance, and a fine keeper. Color, scarlet orange, with blooms facing up on nice stems. Roots, .50; Plants, .50

ROSE BEAUTY (Dahliadel 85S), Bloom $2\frac{1}{2} \times 2$, Bush $2\frac{1}{2}$ ft. An artistic and useful Miniature. The color is a soft peach with coral suffusion. The blooms are uniform and perfect, with centers full throughout the season. Stems are good which make it ideal for cutting and useful for arrangements. Scored 85 at Ohio Valley Trial Grounds 1936. Roots, \$1.50; Plants, .75

SKIPPY (Dahliadel 85S), Bloom 3×1 , Bush 4 ft. This attractive little flower is white tipped crimson carmine, with Tyrian rose shadings. Full centers, long erect stems, and profuse bloomer. A. D. S. Certificate. Roots, .50; Plants, .50

TEDDY JOHNSON (84S), M. B., Bloom $3\frac{1}{2} \times 1\frac{1}{2}$, Bush 3 ft. White suffused and tipped Tyrian rose. On good stems. Blooms uniform. .35

TRICOLOR (84S), Bloom 3×1 , Bush 4 ft. Similar in every way to Skippy except that the color is yellow, tipped and shaded cardinal, with yellow petaloids. Plants, .50



A. D. S. MEMBERSHIP

The Quarterly Bulletins, which have been greatly improved by the addition of several new features, contain much interesting and authentic dahlia information. With our fine new Bulletin, I cannot help appealing to you, if you are not already a member, to join the A. D. S., dues \$2.00, and you will receive the Bulletin regularly. Our secretary is Louis Alling, 251 Court Street, West Haven, Conn.



Anemone

Single

Collarette

ANEMONE DAHLIAS

ADA FINCH (Wouters 83), Bloom $3\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. A fine bedding or border dahlia; free, early and profuse. This creamy white flower differs from the Century type by having small quilled petals of the same color covering the entire center. Plants, .50

COLLARETTE DAHLIAS

TRIBUNE (Dahliadel, 1937).

Page 2

ERICA (Ballego 85), Bloom $4\frac{1}{2}$, Bush 3 ft. Deep amaranth red, almost black. Collars of same tone with white tips. Unusual and striking for floral arrangements. Plants, .50

FILLE (85), Bloom 5, Bush 4 ft. A most attractive Collarette. Bright yellow with soft colored collar. Fine stems, and outstanding as a good keeper in the garden or in the show room. Plants, .50

FRANK HARRIS (86), Bloom 4, Bush 3 ft. Bright red with a very long red and cream collar. A good grower and very striking. Plants, .50

GEANT DE LYON (Vilmore 85), Bloom 5, Bush 4 ft. Rich, velvety carmine maroon, with long cream-color collar. Free, early flowering on erect stems. Plants, .50

MITZI (Dahliadel 85), 1934, Bloom $4\frac{1}{2}$, Bush 4 ft. A seedling of Geant de Lyon that is very unique and showy. Color, crimson carmine shading to primrose yellow at center and edged white. Bushes branch and bloom freely, stems erect. Flowers keep well on bush or when cut. A robust grower. Roots, .75; Plants, .50

SOFA (Vilmore 84), Bloom 3, Bush 2 ft. Soft scarlet with pale lemon collar. Its strong bushes and profuse blooming qualities make this striking variety very desirable for landscape effects and arrangements. .50

SINGLE DAHLIAS

LITTLE AMERICA (Dahliadel, 1937)

Page 2

AUTUMN CENTURY (Bassett 76), Bloom $4\frac{1}{2}$, Bush 5 ft. A beautiful autumn tint, delicate madder lake, shading yellow at center. .25

DORIS (84), Bloom 4, Bush 4 ft. Deep velvety carmine, heavily tipped pure white. A truly spectacular color combination. Bushes are semi-compact, making a nice appearance in the garden. Growing habits and stems ideal. .25

FRAGRANCE (Peacock 84), Bloom $2\frac{1}{2}$, Bush 2 ft.

A very attractive and artistic bi-color. Petals are pure white, with a broad margin of bright carmine. This makes an ideal border variety, as the stems are slender but erect, and the foliage is fernlike or serrated. Roots, .50; Plants, .35

GARNET POINSETTIA (Peacock 84), Bloom 7, Bush 6 ft. Rich, glowing garnet with a brilliant glistening sheen. Large blooms of poinsettia form are held on long, stiff stems on strong plants, producing profusely. .25

JAMES WELLER (Peacock 84), Bloom 6, Bush $5\frac{1}{2}$ ft. Effective because of its color combination of rich golden yellow with central zone of each petal soft rosy red. Large, well-formed blooms are held erect on long, stiff stems. Early and continuous blooms. .35

LOIS (Dahliadel 85), Bloom 5, Bush 5 ft. This charming pink Single attracts much attention and is one of the best keeping of its type. The deep golden yellow center adds much to the beauty of the flower. Stems are ideal, both in the garden and for decoration. .35

MERCKI, M. S., Bloom 1, Bush 1 ft. This novel lowgrowing variety has richly colored, fern-like foliage which is effective in artistic arrangements of all smaller dahlias. The blooms are secondary of pale lavender with purple centers. Plants, .35

NEWPORT WONDER (Robertson 84), Bloom 6, Bush $5\frac{1}{2}$ ft. A very popular and artistic dahlia. Petals pointed and slightly twisted. Color, rose pink with golden suffusion. Roots, .50; Plants, .35

PEQUOT YELLOW (Wakeman D. G. 85), Bloom 5, Bush $3\frac{1}{2}$ ft. A very large clear yellow that is especially fine for exhibiting. Good habits of growth and a variety which is very popular. Plants, .50

PRINCE OF BULGARIA. We have separate stock but it is identical with Fragrance.

Roots, .50; Plants, .35

SAMBO, Bloom $2\frac{1}{2}$ in., Bush $2\frac{1}{2}$ ft. Dark red, very free flowering and early. Comes to us as an English Single but is really a fine Miniature Single for the exhibition table and useful for arrangements. Plants, .50

SCARLET CENTURY (Peacock 80), Bloom 5, Bush 5 ft. Bright, glowing scarlet on erect stems. Good grower, free bloomer, with petals evenly placed. .25

TANGO (Dahliadel 79), Bloom $5\frac{1}{2}$, Bush 6 ft. A lively autumn tint, cadmium yellow, shaded scarlet orange. .25



POMPON DAHLIAS

AIMEE (Boston 84), Bloom $1\frac{1}{4}$, Bush $2\frac{1}{2}$ ft. A popular tiny orange cadmium shaded apricot on long stems. .25

ATOM (Edymel 86), Bloom $1\frac{1}{4}$, Bush $2\frac{1}{2}$ ft. One of the best, early and profuse bloomer of perfect form. Color, fiery red. .35

BETTY ANNE (Pennypack Gdns. 88), 1936, Bloom $1\frac{1}{2} \times 1\frac{1}{4}$, Bush 2 ft. The pink we have been looking for. Color, soft rose pink, inclined to violet rose. Blooms are small, uniform in size and form. Bush healthy vigorous and low branching. Already a winner of a number of prizes. Plants, .50

BOB WHITE (Dahliadel 85), Bloom $1\frac{1}{2}$, Bush 2 ft. Milk white having just a cast of yellow when opening. Bush is low and spreading, with blooms on long stems. Ideal for bedding as well as the right form for exhibiting. .25

BRONZE BEAUTY (78), Bloom $1\frac{3}{4}$, Bush 3 ft. Beautiful golden apricot. A free bloomer good for cutting. .25

DARKSOME (Alexander 80), Bloom $1\frac{3}{4}$, Bush $4\frac{1}{2}$ ft. Dark red or maroon on long stems. .25

DEE DEE (Estes 85), Bloom $1\frac{1}{4}$, Bush $3\frac{1}{2}$ ft. Pale lilac. Fine for exhibition. Centers are full with stems long and erect. .35

DORIA (Australia), Bloom $1\frac{1}{2} \times 1\frac{1}{4}$, Bush 3 ft. A unique variety coming from Australia. Color, deep wine shaded darker at center. Stems are wiry and stiff holding the blooms on top of stem. Centers are unusually full. Plants, .50

DOT (Dahliadel 86), Bloom $1\frac{1}{2}$, Bush $3\frac{1}{2}$ ft. A pure white Pom on perfect stems. A strong grower and an early bloomer. As a cut flower for decorating or in the garden, Dot is the best white Pompon so far introduced. Plants, .35

ELIZABETH (82), Bloom $1\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. Lemon yellow, heavily tipped carmine. Fine form and good stems. .25

EUREKA (82), Bloom $1\frac{3}{4}$, Bush $3\frac{1}{2}$ ft. Yellow cadmium with carmine shadings at tips, with occasional white petals. Some flowers all-white. Can be rightly called variegated. .25

GERTRUDE (Salback 85), Bloom $1\frac{1}{2}$, Bush 3 ft. Bright glowing carmine of good form on strong stems. The best real bright red. Plants, .35

GOLDILOCKS (Seal 85), Bloom $1\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. Gold deepening at center. Flowers well formed with full centers. Good for exhibiting and cutting. .35

HELEN ANITA (86), Bloom $1\frac{3}{4}$, Bush $2\frac{1}{2}$ ft. A beautiful lilac with a lighter reverse and white center. Very attractive and good for cutting. .35

HONEY (Farnum-F. & M. 86), Bloom $1\frac{1}{4}$, Bush 3 ft. Primrose yellow with faint suffusion of red on edge of petals. Free flowering on long stems. .35

JACK (Dahliadel 85), Bloom $1\frac{1}{2} \times 1\frac{1}{4}$, Bush $2\frac{1}{2}$ ft. Color, purple garnet. Compact, low-growing, symmetrical bush. Blooms perfectly formed throughout the season, and an incessant bloomer, strong stems. Certified at East Lansing. .35

JESSICA (Turner 83), Bloom $1\frac{1}{2}$, Bush 3 ft. Yellow tipped red. Very free and early bloomer with good stems. .25



JILL (Dahliadel 84), Bloom $1\frac{1}{2} \times 1$, Bush $1\frac{1}{2}$ ft. Color, lemon yellow margined carmine. A bright, colorful variety. Blooms uniform. Bush dwarf, suitable for landscape and borders, although stems are plenty long for cutting. .35

JOE FETTE (Boston 83), Bloom $1\frac{1}{2}$, Bush 3 ft. A very good pure white with good stems for cutting. Early and continuous bloomer. .25

JOHNNY (88), Bloom $1\frac{1}{4}$, Bush 3 ft. One of the most perfect and smallest dark red or maroon dahlias grown. .35

LITTLE DAVID (Twichett 85), Bloom $1\frac{1}{2}$, Bush 3 ft. A small, perfectly formed russet orange pom. Free bloomer and fine for cutting and exhibiting. .25

LITTLE EDITH (88), Bloom $1\frac{1}{4}$, Bush $3\frac{1}{2}$ ft. As perfect a Pom as you can wish for, either in the garden or show room. Color, primrose yellow, tipped bright carmine. .25

MICKEY (Dahliadel 85), Bloom $1\frac{3}{4}$, Bush $2\frac{1}{2}$ ft. Yellow, heavily tipped and shaded crimson. Blooms uniform, centers full, good stems. Plants, .50

MIDGET (West 80), Bloom $1\frac{1}{2}$, Bush 3 ft. Salmon suffused with violet. Good form. .35

MIKE (Boston 84), Bloom $1\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. Color, bright burnt orange, shading lighter at the outer petals. Attractive, and a profuse bloomer. .25

ROSALIE (F. & M.). The Pompon dahlia is becoming more popular as a cut flower each year and a good white is always in demand. This variety is an ivory white with wiry, stiff stems, good foliage, and a profuse bloomer. Plants, .50

ROSEA (Keynes 84), Bloom $1\frac{3}{4}$, Bush $2\frac{1}{2}$ ft. Perfect form for exhibition. Rosy lavender. Small and distinctive. Plants, .35

SNOWCLAD (78), Bloom $1\frac{1}{2}$, Bush 3 ft. One of the best all-around pure whites. Free, early bloomer. .25

SUNNY DAYBREAK (Keynes 85), Bloom $1\frac{1}{2}$, Bush 3 ft. Lemon yellow, heavily tipped cardinal. Flowers of good form. .25

YELLOW GEM (McWhirter 84), Bloom $1\frac{1}{2}$, Bush 3 ft. Clear canary yellow, of fine form. .25



DAHLIADEL RECOMMENDATIONS

of Commercial and Exhibition Dahlias

In response to many requests to recommend varieties for different sections and for color classes, we have prepared the following tabulation. The varieties are listed under color classes that we would recommend for exhibiting. The letters "N M S" give you an idea of the varieties that will come into bloom early for the North, stand dry winds in the Middle West, and stand up under the intense sunshine of the South. All varieties, including those without letter recommendations, can be grown successfully in New Jersey and in sections with similar growing conditions. The

letters "c e" will enable you at a glance to select varieties for cutting or for the exhibition table. All the varieties we grow are useful for the garden or landscape in one way or another.

c e—As explained on page 1, par. 4.

N—Northern Section of U. S. and Canada with a rather short growing season of 90 to 120 days.

M—Middle West and sections where summers are hot and dry.

S—Southern Section, season long, summer long and hot.

WHITE

Andrea Ericson	e	N M S
Ballego's Surprise	ce	N M S
Grace	c	N M
Graf Zeppelin	ce	M
Ida Perkins	ce	N M
Jersey's Dainty	ce	N M S
Miss Oakland	ce	N M S
Mother Maytrott	ce	N M S
Royal White	ce	M S
Snowcap	c	N M S
Star of Bethlehem	e	N M
White Abundance	ce	N M S
White Duchess	e	M
White Prolific	ce	N M S
White Wonder	e	N M

YELLOW and CREAM

Ambassador	ce	N M S
Arelida Lloyd	ce	N M S
California Idol	e	N M S
Charmer	ce	N M S
Dahliadel Gold	e	N
Democracy	ce	N M
Francis Larocca	c	N M S
Frau Ida Mansfield	ce	N M S
Frau O. Bracht	ce	N M S
Golden Prince	ce	N M S
Golden Sonne	ce	N M
Golden Standard	e	N M S
Kay Francis	e	N M S
La Fiesta	e	S
Lincoln G. Dickey	e	N M
Lord of Autumn	e	N M S
Mary Helen	e	N M S
Miss Glory	e	
Mona Gold	ce	N M S
Monmouth Queen	e	N M
Mrs. Bruce Collins	ce	N M S
Opal	e	N M S
Pot O'Gold	e	M S
Pride of America	ce	N M S
Rockley Moon	e	N M
The Commodore	e	N M
Treasure Chest	ce	N M
Waldheim Sunshine	e	N M S

ORANGE, BUFF and BRONZE

Amelia Earhart	e	N M
California Beauty	c	N M S
City of Cleveland	e	N M S
Color Sergeant	ce	N M
Dixie Ravenscroft	e	N
Edna Ferber	ce	N M
Elite Sport	e	M S
Forest Fire	e	N M S
F. W. Fellows	e	M S
Girl of Hillcrest	e	N M
Jane Cowl	ce	N M S
Jessica Dragonette	e	N M S
Minnora	e	N M S
Miss Belgium	ce	N M S
Myra Howard	e	M S
Old Hickory	e	N M S
Omar Khayyam	e	M S
Palo Alto	e	M S
Rudolf's Giant	e	N M S
Rudy Vallee	e	M S
Sultan of Hillcrest	e	N M S
Television	e	N M S
Treasure Island	ce	N M S

RED, CRIMSON and MAROON

Aiko	e	N
American Triumph	e	N
Anna Benedict	ce	N M S
Bagdad	e	N M
Cossack	c	N M S
Dwight W. Morrow	e	N
Elite Glory	e	
Fort Monmouth	e	N M S
Good Night	e	M S
Jersey's Beacon	e	N M S
Karl Bonawitz	e	N M S
Kentucky Red	e	N M S
Margrace	e	N M S
Maryland Glory	ce	N M S
Monmouth Champion	e	N M
Mrs. Geo. LeBoutillier	e	N M
Murphy's Masterpiece	e	N M
Robert Emmet	ce	N M S
Satan	e	N M
The Universe	e	N M S
The World	e	N M S

PINK, SALMON and ROSE

Cavalcade	ce	N M S
Dorcas Ann	ce	N M S
Dorothy Stone	e	N M S
Jersey's Beauty	ce	N M S
Josephine G.	ce	N M
Judge Samuel Seabury	e	N M
Kareol	e	N
Kathleen Norris	e	N M
Kentucky	ce	N M S
Margaret W. Wilson	e	N
Marianna	ce	N M S
Miss Elsie Jane	ce	N M S
Mr. C. H. Dresselhuys	c	N M S
Mrs. Herbert O'Connor	ce	N M S
Paul Pfitzer	ce	N M S
Pink Spiral	ce	N M S
Ray Warner	ce	N M S
Sanhican's Cameo	e	N M S
W. H. T.	e	N M S

LAVENDER, VIOLET ROSE and MAUVE

Cherokee Rose	ce	N M S
Clara Barton	e	N M S
Dorothy Duke	c	N M S
Dr. John Carinan	e	N
Grace Curling	ce	N M
Lilac Glory	ce	N M
Mary Ellen	e	N M S
Meadowbrook	e	M S
Mrs. I. de Ver Warner	e	N M S
Warren Church	e	M S

PURPLE and VIOLET

Ella May	e	N M S
Hunt's Velvet Wonder	e	M
Jean Trimbee	e	N M
Kemp's Violet Wonder	e	N M S
Thomas A. Edison	e	M S

BI-COLOR

Alice Stellick	e	N
Ballego's Glory	ce	N M S
New Glory	e	M S
Phantom	e	M S



FREE ROOT OFFER

On retail orders for dahlia roots and plants from this catalog, except collections and special offers, you may select complimentary roots as follows: On each dollar you are allowed 25c toward any variety listed on this page but not double value from odd lots. For example, on an order of \$6.00 worth of roots or plants you may select \$1.50 worth from this page, or a \$2.00 variety by paying 50c additional. Mention second choice as season advances, whether buying from this page or taking advantage of free offer, as stock of some varieties is limited.

VARIETIES FOR FREE ROOT OFFER

Alice in Wonderland	1.00	Kentucky	.35
Ballet Girl	.50	Mrs. Bruce Collins	2.50
Carla	.50	Old Hickory	.50
Cavalcade	2.00		
Champoeg	.50	POMPONS	
Clara Barton	1.50	Aimee	.25
Coquette	.50	Bob White	.25
Edward Rindfleisch	.75	Helen Anita	.35
Elinor M. Radell	1.00	Little Edith	.25
Eliza L. Shepard	.50		
Forest Fire	2.50	MINIATURES	
Francis Larocca	.35	Paddy	.50
Grace Curling	.50	Raider	.35
Harriet Hootor	.50	Baby Royal	.75
Jane Dixon	1.00	Jean	.50

ODD LOTS

SPECIAL OFFER

In the testing of hundreds of varieties each year, we have considerable stock, that we feel might be of use to our customers, of varieties that are good in some sections of the country and possibly temperamental in others. Some like light soil, others heavy, and so on. Some of these dahlias you may have seen doing very well in your particular locality. Other varieties are listed here because of limited stock which we are closing out.

WHEN BUYING FROM ODD LOTS you may select double value. For example, when ordering a \$1.00 variety, you may select another of equal value free. A \$1.00 variety will not be sold for 50c. This offer applies only to varieties listed under "Odd Lots."

AVALON (Broomall 80E), **FD**, Bloom 7 x 3, Bush 5 ft. Color, clear canary yellow. Centers full. Long, erect stems under normal culture. .25

CONGRESSMAN WOLVERTON (Peacock 83C), Bloom 7 x 4, Bush 5 ft. This dahlia has a full high center which starts to open yellow and then develops a rose suffusion as the flower opens. A good strong grower. .35

DOKOUPIL'S TRIUMPH (Dokoupil 82E), **ID**, Bloom 12 x 4, Bush 4½ ft. Different in color, light straw color, shaded or suffused light violet at the center and on the reverse of petals. It is somewhat irregular in formation but massive. Stems are very good and bush very satisfactory. It should be topped twice to insure good centers. \$1.50

GOLDEN ECLIPSE (Badetty 84), **FD**, Bloom 8 x 4, Bush 5½ ft. A clear, golden yellow with salmon and flesh shadings at the center. Certified at Storrs, 1933. A tall vigorous grower with long stems. Remarkable keeping qualities. \$1.00

HOLLYWOOD (Vincent 82), **St.C**, Bloom 6 x 2, Bush 4½ ft. A French mauve that is beautiful for arrangements. We heard many favorable comments on this strong, vigorous grower with good stems. A favorite in the garden. .35

MARIPOSA (Boston 79E), Bloom 8 x 4, Bush 6 ft. This popular old variety is of good form, with in-

curved petals. A beautiful pink, shading darker at the center with a violet suffusion, which adds to the effect. A sturdy grower. .35

MR. CROWLEY (Broomall 77), Bloom 6½ x 3, Bush 4½ ft. A bright colored garden dahlia of glowing salmon pink with base of petals yellow. Although a compact grower, good stems can be produced by disbudding. .25

NEUER GRIFF (83C), **C**, Bloom 5 x 2½, Bush 4½ ft. This variety comes close to being a miniature if grown rather poor and not disbudded. Stems are stiff, bush robust and produces just dozens of blooms. A fine little dahlia of violet rose shaded mauve. .35

ROBERT E. LEE (Peacock 83E), **ID**, Bloom 8½ x 4, Bush 5 ft. A rich red that does not fade is decidedly uncommon, and that is what attracts you to this dahlia, along with its good form, erect stems, and free-blooming habits. To get stems for cutting, follow Drawing Y. .50

ROBERT SCOTT (Brock 80E), **FD**, Bloom 8 x 3½, Bush 5 ft. This fine dahlia is of a bright apricot yellow with shades of rose. Flowers are large and deep, of good form, on excellent stems. The bush is of stocky growth. .35

ROBT. TREAT (Muehler 80E), **FD**, Bloom 9 x 4, Bush 5½ ft. This dahlia is similar in color to the American Beauty Rose. Plants are strong, healthy growers of spreading habit. Flowers produced freely on long, erect stems .50

SANHICAN'S LAVENDER (F. & M. 84C), Bloom 7 x 4, Bush 5 ft. White with tips of petals faintly suffused orchid lavender, color deepening as flowers mature. Extremely free bloomer, flowers being carried high above the foliage on long straight stems. Extremely fine for cutting. .75

SEAL'S CALIFORNIAN (Seal 82E), **FD**, Bloom 9½ x 5, Bush 3½ ft. Broad petals are beautifully formed. Bright golden yellow at center, shading lighter toward outer petals; tips are suffused very lightly with soft pink. Stems strong and erect. .50

TARRYTOWN (McDonald 83E), **ID**, Bloom 10 x 4, Bush 5 ft. Deep gold with mauve and bronze shadings, of rather loose, irregular formation with broad, heavy petals. Stems strong and erect. .50



DAHLIADEL COLLECTIONS

POSITIVELY NO CHANGES IN COLLECTIONS

SIX POMPON DAHLIAS

COLLECTION A	Value \$1.50	ROOTS, \$1.00
Bob White	Mike	
Eureka	Sunny Daybreak	
Little Edith	Yellow Gem	

SIX POMPON DAHLIAS

COLLECTION AA	Value \$1.90	ROOTS, \$1.50
Aimee	Honey	
Goldilocks	Little David	
Helen Anita	Midget	

FIVE MINIATURE DAHLIAS

COLLECTION M	Value \$2.30	ROOTS, \$1.50
Baby Royal	Little Jewel	
Jerry	Paddy	
	Raider	

SIX GIANT DAHLIAS

COLLECTION B	Value \$3.00	ROOTS, \$1.60
Indiana Moon	Marmion	
Jim Moore	The World	
Josephine G.	W. H. T.	

SIX CUT FLOWER DAHLIAS

COLLECTION C	Value \$2.80	ROOTS, \$1.75
Cossack	Grace	
Dorothy Duke	Jersey's Beauty	
Francis Larocca	Mr. C. H. Dresselhuys	

BEGINNERS' SURPRISE

COLLECTION BS Value \$4.00 to \$6.00 **ROOTS, \$2.00**

12 named roots tagged, all different. A good assortment of colors and types. Large flowering varieties only. This collection gains in popularity each year as finer varieties are used in it.

EIGHT EXHIBITION DAHLIAS

COLLECTION D	Value \$4.35	ROOTS, \$2.00
Andrea Ericson	Mary Ellen	
Bagdad	Omar Khayyam	
Kathleen Norris	The Commodore	
Kentucky	Treasure Island	

EIGHT BLUE RIBBON DAHLIAS

COLLECTION E	Value \$8.50	ROOTS, \$4.50
COLLECTION H	Value \$4.25	PLANTS, \$2.50
Dixie Ravenscroft	Myra Howard	
Elite Sport	Pot O'Gold	
Maryland Glory	Sanhican's Cameo	
Miss Elsie Jane	White Wonder	

SIX PRIZE DAHLIAS

COLLECTION F	Value \$13.00	ROOTS, \$7.50
COLLECTION I	Value \$6.50	PLANTS, \$4.00
Anna Benedict	Iroquois Sunbeam	
Cavalcade	Lord of Autumn	
Dahlia del Gold	Robert Emmet	

FOUR WONDERFUL DAHLIAS

COLLECTION G	Value \$15.00	ROOTS, \$9.00
COLLECTION J	Value \$7.50	PLANTS, \$4.75
Dorcas Ann	The Universe	
Forest Fire	Treasure Chest	

✦ ✦ ✦

Potash Fed DAHLIAS



DAHLIADEL NURSERIES

Three of the above trade-marks have been registered in the U. S. Patent Office.

WARREN W. MAYTROT and DAHLIADEL'S COMMERCIAL DISPLAY AT NEW YORK





GREEN PLANTS

Dahliadel plants are sprouts or cuttings taken from stock of named varieties, grown in specially built greenhouses rooted in sand benches in a propagation house, potted and grown inside until established, then moved to cold frames for hardening off, ready for shipping and field planting.

The popularity of Dahliadel green plants is growing fast, and we suggest that you give them a trial on your next order if you are buying the higher-priced varieties, as plants are one-half root price in most cases. Green plants, when properly grown from healthy stock, give equal or better blooms, than from roots and most varieties make a nice clump. The way the plant is grown has a lot to do with root production, but we believe by following our cultural instructions you will have roots as well as blooms.

Dahliadel green plants are properly grown and hardened for shipment and in our specially designed shipping box have been successfully sent all over the United States.

GUARANTEE

All dahlia roots and plants are guaranteed healthy and true to name to the extent of replacement with true stock. Roots that fail to start in three weeks will be replaced upon their return. POTASH FED DAHLIAS give such universal satisfaction that we guarantee this year's Dahliadel Introductions to prove entirely satisfactory to the extent of replacement with the same variety or one of any other of equal value from the following season's catalog. Satisfaction and safe delivery guaranteed.

NOTICE ON GREEN PLANT SHIPMENTS. Plants will be shipped from April 15th to July 15th, but cannot be sent C. O. D., as this causes delay. When roots and plants are ordered together, roots will be held and shipped with the plants unless otherwise specified. 25 cents must be included with all plant orders to cover special delivery except where there is no special delivery service at post office of destination; in which case, send 15 cents for special handling. We pay all regular postage. We do not guarantee safe delivery unless plants are shipped as above.

TERMS AND DELIVERY

Orders will be filled with strong, field-grown root divisions unless green plants are specified. We will notify you if unable to supply any variety, as we do not substitute. Note our Quantity Discounts on Page 1.

CASH WITH ORDER. Stamps accepted up to \$3.00; above that amount, check, money order or cash by registered mail. Root orders will be shipped according to the growing season of the customer, which in most cases is between April 15th and July 1st. Shipment is prepaid and usually sent by Parcel Post. On C. O. D. shipments the customer pays the C. O. D. charges. We pay all regular postage.

WARNING. Do not send cash by mail unless you have it registered.

DAHLIADEL NURSERIES**PHONE 1051****VINELAND, N. J.**

CANADIAN CUSTOMERS

Please obtain your special permit from Secretary, Department of Agriculture, Ottawa, Ont., when ordering dahlias, as we must have the permit mentioned before we can ship your order. This catalog will be mailed free to customers in Canada. Catalog requests should be accompanied by 25 cents.

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23rd Edition

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ABBREVIATIONS USED IN INDEX.—A—Anemone. B—Ball. Coll—Collarette. C—Cactus, Incurved or Straight. S-C—Semi-Cactus. FD—Formal Decorative. ID—Informal Decorative. M—Miniature. P—Peony. Pom—Pompon. S—Single. O—Orchid Flowering.

NOTICE. The key letter just ahead of the price is our recommendation of the system to use in topping and disbudding for each variety listed. Drawings and explanation will be found on pages 24 and 25.

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40	Ada Finch—A.....V	\$.50	18	Fort Monmouth—ID.....X	.50	.50
17	Adirondack Sunset—ID.....X	3.00	1.50	32	Fort Washington—FD.....Z	.50	.50
10	Aiko—S-C.....X75	40	Fragrance—MS.....V	.50	.35
18	Alice in Wonderland—ID.....X	1.00	.50	31	Francis Larocca—FD.....X	.35
18	Alice Stellick—ID.....X	.75	.50	40	Frank Harris—Coll.....V50
12	Alice Whittier—S-C.....X	.50		Franz Berger—C.....X75
32	Allen A—FD.....X	1.50	.75	6	Frau Ida Mansfield—C.....X	1.00	.50
	Altamont—ID.....X	.35	9	Frau O. Bracht—S-C.....X	1.00	.50
6	Ambassador—St. C.....X	.50	.50	31	Frazier—FD.....X50
9	Amelia Earhart—S-C.....X	3.00	1.50	29	Fred Springer—FD.....	.50	.50
17	American Legion—ID.....X	1.50	.75		Friedensengel—C.....X	.50
5	American Purity—S-C.....	15.00	7.50		Full Moon—ID.....Z	1.00
8	American Triumph—IC.....X	.50	.50	8	F. W. Fellows—IC.....Z	.75	.50
17	America's Sweetheart—ID.....X	5.00	2.50	40	Garnet Poinsettia—S.....V	.25
12	Andrea Csizik—S-C.....X	1.00	40	Geant de Lyon—Coll.....V50
18	Andrea Ericson—ID.....X	.75	.50	20	Girl of Hillcrest—ID.....X	.75	.50
20	Anna Benedict—ID.....X	2.50	1.25		Glory of Monmouth—FD.....X	.50
15	Arelida Lloyd—ID.....X	2.00	1.00	43	Golden Eclipse—FD.....X	1.00
40	Autumn Century—S.....V	.25	32	Golden Light—FD.....X	1.50	.75
43	Avalon—FD.....X	.25	14	Golden Prince—ID.....X	5.00	2.50
17	Aztec Glory—ID.....X	.50	.50	6	Golden Sonne—St. C.....X	.50	.50
10	Baerne—S-C.....X	1.00	7	Golden Standard—C.....X	2.50	1.25
17	Bagdad—ID.....X	.50	34	Gold Medal—B.....X50
32	Ballego's Glory—FD.....X	.50	.50	16	Good Night—ID.....X	.75	.50
9	Ballego's Surprise—S-C.....X	4.00	2.00	10	Good Will—S-C.....X	1.50
8	Ballet Girl—IC.....Z	.50	14	Gov. Morgan F. Larson—S-C or ID.....X	.50
6	Berger's Jewel—St. C.....X	1.00	32	Grace—FD.....X	.35
	Bette Davis—S-C.....X	2.00	18	Grace Curling—ID.....X	.50
5	Betty Lindgren—S-C.....X	2.50	31	Graf Zeppelin—FD.....X	.50	.50
19	Bosphorus—ID.....Y	3.00	1.50		Grandee—ID.....X	1.00
33	Buckeye Bride—FD.....X50	5	Greater Glory—S-C.....X	10.00
5	Buckeye Star—S-C.....X	5.00		Great Harbor—ID.....X	.50
6	California Beauty—C.....X	.50	.50	11	Gretel—S-C.....X	1.25
17	California Idol—ID.....X	5.00	2.50	20	Harriet Hctor—ID.....X	.50
16	California Rose—ID.....X	3.50	1.75		Harry Mayer—FD.....X	.35
11	Carla—S-C.....X	.50	5	Haslerova—FD.....X	2.50
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15	Charmer—ID.....X—Z	5.00	2.50	7	Inspiration—St. C.....X	1.00
2	Cherokee Rose—ID.....X	10.00	5.00	21	Iroquois Sunbeam—ID.....X	2.00	1.00
	Chick—FD.....X	.50	33	Jack's Bean Stalk—FD.....X	.75	.50
21	Chinese Lantern—ID.....X	2.50	1.25		James Kirby—ID.....X	1.00
15	City of Cleveland—ID.....X	2.00	1.00	40	James Weller—S.....V	.35
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43	Congressman Wolverton—ID.....X	.35	34	Jayseedee—B.....Y	.75	.50
8	Conservatrix—IC.....X50		Jean Kerr—FD.....X	.25
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13	Corallina—S-C.....X	1.50	.75	29	Jersey's Beacon—FD.....X	.35
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28	Dahlidel Gold—FD.....X	2.50	1.25	16	Jersey's Daybreak—ID.....X50
30	Democracy—FD.....X	2.50	1.25	16	Jersey's Majestic—ID.....X	1.00	.50
19	Derrill W. Hart—ID.....X	.50		Jersey's Masterpiece—ID.....X	.50
14	Dixie Ravenscroft—S-C or ID.....X	1.00	.50		Jersey's Sovereign—ID.....X	.35
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12	Dorcas Ann—S-C.....X	2.50	1.25	33	Jersey's White Beauty—FD.....X	5.00	2.50
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18	Dorothy Duke—ID.....X	.75	12	Jessica Dragonette—S-C.....X	1.50
20	Dorothy Stone—ID.....X	.50	5	Jimmie Foxx—ID.....X	7.50
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29	Edward T. Rindfleisch—FD.....Z	.75	9	Kay Francis—S-C.....X	2.50	1.25
19	Elinor M. Radell—ID.....X	1.00	.50	20	Kemp's Violet Wonder—ID.....X	.50	.50
29	Elite Glory—FD.....X	.50	33	Kentucky—FD.....X	.35
29	Elite Sport—FD.....X	1.00	.50	18	Kentucky Red—ID.....X	.75	.50
16	Eliza London Shepard—ID.....Z	.50	21	King Midas—ID.....X	.50	.50
11	Ella Bruidegom—S-C.....X50	15	Kitty Mac—ID.....X	7.50	3.75
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31	Emanuel's Beauty—FD.....X	.50		Lady Moyra Ponsonby—ID.....X	1.50
14	Emma Marie—S-C or ID.....X	.35	17	La Fiesta—ID.....X	1.00	.50
40	Erica—Coll.....V50	7	Leiden's Elegance—St. C.....X	1.00
20	Eva Hunt—ID.....X	2.00	1.00	8	Lilac Glory—IC.....X	.50	.50
40	Fille—Coll.....V50	13	Lincoln G. Dickey—S-C or ID.....X	.50
5	Fire Ball—FD.....X	5.00	2	Little America—S.....V	2.00	1.00
11	Flaming Torch—S-C.....X	1.50	40	Lois—S.....V	.35
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20	Margaret W. Wilson—ID.....	X	.35	12	Siskiyou—S-C or ID.....	X	.50
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11	Marian Broomall—S-C.....	X	.50		Snowdrift—FD.....	X	.35
12	Marianna—S-C.....	X	1.50	40	Sofa—Coll.....	V	.50
43	Mariposa—S-C.....	X	.35	8	Sport—C.....	X	.50
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21	Minnora—ID.....	X	2.50	33	The World—FD.....	X	.50
9	Miriam Hopkins—S-C.....	X	5.00	32	Thomas A. Edison—FD.....	Y	.75
7	Miss Belgium—St. C.....	X	.50	11	Treasure Chest—S-C.....	X	5.00
13	Miss Elsie Jane—S-C.....	X	1.50	31	Treasure Island—FD.....	Y	.50
10	Miss Glory—S-C.....	X	3.50	2	Tribune—Coll.....	V	2.00
5	Miss Oakland—FD.....	X	5.00	11	Tropic Sun—S-C.....	X	1.00
5	Miss Ohio—IC.....	X	5.00		Victoria—C.....	X	1.00
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21	Monmouth Queen—ID.....	X	2.00	19	White Abundance—ID.....	X	2.50
C	Mother Maytrott—ID.....	X	15.00		White Beauty—FD.....	X	4.00
32	Mr. C. H. Dresselhuys—FD.....	X	.25	21	White Duchess—ID.....	Y	1.00
43	Mr. Crowley—FD.....	X	.25	17	White Empress—ID.....	X	.50
7	Mrs. Bruce Collins—St. C.....	X	2.50	32	White Prolific—FD.....	X	1.50
34	Mrs. C. D. Anderson—B.....	X	.35	18	White Wonder—ID.....	X	1.00
34	Mrs. Frances E. Bullard—P.....	X	.75	31	W. H. T.—FD.....	X	.50
20	Mrs. Geo. Le Boutillier—ID.....	X	3.00	5	William J. Wyllie—FD.....	X	5.00
7	Mrs. Herbert O'Connor—St. C or IC.....	X	5.00	19	World's Best White—ID.....	X	.75
32	Mrs. I. de Ver Warner—FD.....	X	.25		Yellow Bird—S.....	V	.25
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13	Oriental Beauty—S-C.....	X	.50				
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10	Paul Pfitzer—S-C.....	X	1.00				
40	Pequot Yellow—S.....	V	.50				
29	Phantom—FD.....	X	2.00				
8	Pink Spiral—IC.....	X	1.50				
21	Pot O'Gold—ID.....	Y	1.00				
9	Pride of America—S-C.....	X	7.50				
40	Prince of Bulgaria—MS.....	V	.50				
16	Prince of Persia—ID.....	X	.75				
5	Purple Mist—FD.....	X	5.00				
	Queen City—FD.....	X	7.50				
29	Queen of the Garden Beautiful—FD.....	X	.50				
20	Rajah—ID.....	X	1.50				
18	Ray Warner—ID.....	X	1.50				
10	Red Jug—S-C.....	X	5.00				
13	Reichardt's Masterpiece—S-C.....	X	1.50				
8	Renate Muller—IC.....	X	1.00				
15	Rex—ID.....	X	7.50				
	Rheinischer Frohsinn—C.....	X	.50				
43	Robert E. Lee—ID.....	Y	.50				
19	Robert Emmet—ID.....	X	1.50				
5	Robert L. Ripley—ID.....	X	10.00				
43	Robert Scott—FD.....	X	.35				
43	Robert Treat—FD.....	X	.50				
32	Rockley Moon—FD.....	X	1.00				
	Royal Dutch—ID.....	X	1.50				
14	Royal White—ID.....	X	.75				
20	Rudolf's Giant—ID.....	X	5.00				
10	Rudy Vallee—S-C.....	X	.75				
6	Saarland's Heimkehr—St. C.....	X	1.50				
33	Salem Pride—FD.....	X	.50				
40	Sambo—MS.....	V	.50				
19	Sanhican's Bluebird—ID.....	X	.35				
31	Sanhican's Cameo—FD.....	X	1.00				
43	Sanhican's Lavender—FD.....	X	.75				
	Sanhican's Queen—ID.....	X	.50				
10	Satan—S-C.....	X	1.00				
		</					

SEE ADDITIONAL VARIETIES, POMPON DAHLIAS, PAGE 41. ORCHID FLOWERING DAHLIAS, PAGE 35.



DAHLIA GROWERS' SUPPLIES

DAHLIADEL PLANT FOOD—Made especially for dahlias, of the highest grade materials, for the production of fine flowers and strong roots, and so blended to have a balanced food available as needed by the plant. Good also for all outdoor flowers and vegetables. A very economical fertilizer.

Directions: Spring application, 3 to 6 lbs. to each 100 square feet. August application, 3 to 4 lbs. This may be divided into three applications, but not over 10 lbs. to ten hills should be applied during a season.

Price, F. O. B. factory in Philadelphia, 50 lbs., \$2.75; 100 lbs., \$5.00; 200 lbs., \$9.00; ton, \$75.00.

Our brand is registered in New Jersey only, and we cannot make shipments into any other states in quantity but small parcel post shipments can be made at the same prices as Potash.

POTASH MURIATE. To use in making up your own mixture. Four lbs. postpaid up to 4th zone, 55c; add 10c for each zone beyond 4th. Eight lbs. for \$1.00 postpaid up to 4th zone; add 20c for each zone beyond 4th. Potash Sulphate can be supplied at the same prices as Muriate.

DAHLIADEL DIP. A mixture of Sulphur and Air Floated Gypsum, in suitable box for storage and dipping cut portions of dahlia roots when dividing. 1 3/4 lbs. for 30c; 4 1/2 lbs. for 55c, postpaid up to 4th zone; add 5c or 10c respectively for each zone beyond 4th.



IMPORTED PRUNING SHEARS, 8 3/4 inches. Double cutting blades make them especially desirable

for dividing and trimming dahlia clumps. We have used these shears for years. Suitable for general pruning as well. Postpaid, \$4.25.

PYRETHRUM SOAP. A non-poisonous insecticide effective on all insect life and not injurious to animals or plants. Will not burn foliage or buds. A desirable spray for thrips, leaf-hoppers or aphids. According to reports this product is very satisfactory when used with Black Leaf Forty. Four ounces make 4 to 5 gallons of spray. Postpaid, including the 4th zone, 4 oz., 50c; quart, \$1.75; gallon, \$6.00.

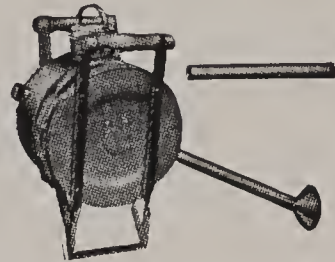
BLACK LEAF FORTY. A concentrated nicotine solution for aphid, thrips, and red spider. Oz., 40c; 5 ozs., \$1.10; lb., \$2.40. Postpaid.



An effective, non-poisonous solution that is deadly to all insects. Will not burn, blight, nor stain the most tender

foliage. Recommended to check such insects as caterpillars, cucumber beetles, thrips, aphids, rose slug, leaf-hoppers, aster beetles, cutworms, wire worms, root lice, Japanese beetles, white flies, etc. Dilute with 200 to 800 parts of water. Full instructions with every bottle. 1 oz. glass, 35c; 4 oz. glass, \$1.10; 1 pt. tin, \$2.65; qt., \$4.00. Postpaid, including 4th zone.

DAHLIADEL NICOTINE DUST (3% nicotine). We can ship only in New Jersey due to Federal restrictions. 4 1/2 lbs., \$1.35; 10 lbs., \$2.60; 25 lbs., \$5.75, by express, collect. By P. P., prepaid, 4 1/2 lbs., \$1.50.



PLATZ GREEN HAND DUSTER. Capacity 2 to 4 lbs. This duster is so light and easy to operate that it is a real pleasure to use it. Equipped with a 30-in. extension and spreader for dusting from

above or below. Postpaid, including the 4th zone, \$7.25; add 10c for each zone beyond the 4th.

TREE LABELS. Painted wood labels, 5/8 x 3 1/2 inches, copper wired. 50c per 100; \$3.00 per 1,000, postpaid, including 4th zone.

TREE LABELS. Plain (not painted) as above. 40c per 100; \$2.50 per 1,000, postpaid, including 4th zone.

PLANT LABELS. Painted wood, 5/8 x 10 inches, 85c per 100, \$1.70 per 250; \$6.50 per 1,000, postpaid.

PLANT LABELS. Plain (not painted) as above. 75c per 100; \$1.50 per 250; \$5.50 per 1,000, postpaid.

DAHLIA STAKES. Jersey pine pointed, 1 inch square, 4 feet long, planed 4 sides, creosote treated which will not only preserve the stakes but the soft brown color makes them quite inconspicuous in your garden. These are strong enough in ordinary culture. Bundle of 25, \$1.50; per 100, \$5.00, F. O. B. Vineland.

DAHLIA STAKES. Creosote treated Jersey pine as above 1 1/4 ins. square, 6 ft. long, planed on 4 sides. Suitable for gardens where dahlias are grown tall. Bundle of 25, \$3.00; per 100, \$10.00; F. O. B. Vineland. Five-foot stakes can be supplied at 10 per cent less than above price.

MODERN DAHLIA CULTURE—By W. H. Waite. Written to meet the needs of the novice and to interest the expert. 126 pages of clear type, well illustrated. Cloth binding. The best book to date. \$1.60 postpaid.

DAHLIADEL COLOR GUIDE in the making. For show table and trial patch judging a guide and record book was designed by the author of this catalog, and although it is not in production in any quantity, we will endeavor to fill a few orders (to get the reaction and criticism of our customers). It contains 47 serviceable colors, all found in dahlias, which are arranged for the show table and ease in locating them. In loose leaf binder with 75 Dahlia record sheets. Postpaid, \$3.50.

A. D. S. OFFICIAL SCORE SHEETS. The same as those used at Storrs, Conn., and East Lansing, Mich. Size 6 5/8 x 4" suitable for scoring and making complete records of all dahlias, whether large or small, in the garden or in the show room.

100 Sheets punched, postpaid, .50
250 Sheets punched, postpaid, \$1.00

100 SHEETS IN LOOSE LEAF 6 RING FLEXIBLE IMITATION LEATHER BINDER.

Postpaid, .90

DAHLIADEL Score Sheets, the same as the A. D. S. but with more complete garden record, priced the same as above. Sample sheets on request.



Forest Fire

FOREST FIRE (Dahliadel 86E), ID, 1935, Bloom 10 x 6, Bush 4½ ft. The most spectacular of any dahlia we have ever grown but does its best in cool weather. This year it did wonderful from the middle of September, giving us six weeks of real blooms. Forest Fire is distinct lemon yellow for about one-third the length of the petals, then shaded to rich scarlet toward the tips enhanced by clear yellow petaloids. This variety is a rather stocky grower but can be very nicely handled by following Drawing Y. This will keep the blooms sufficiently above the foliage under normal growing conditions. It will also stand partial shade and although a little longer coming into bloom the bushes are considerably taller, and the stems longer between nodes. Certified at Storrs, 1934, 85.5 and also at East Lansing, we can recommend this novelty to you as one of the most distinctive dahlias introduced in years. It attracts plenty of attention wherever exhibited. **Roots, \$2.50; Plants, \$1.25**

DIANA JEAN



CHEROKEE ROSE



TRIBUNE

